TC-WE635

SERVICE MANUAL



US Model Canadian Model AEP Model UK Model F Model Australian Model Chinese Model

Dolby noise reduction extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen. "DOLBY", the double-D symbol DI and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

| Model Name Using Similar Mechanism | TC-WE425/WE525/WR681 |
|------------------------------------|----------------------|
| Transport Mechanism Type | TCM-230ASR4/HSR4 |

SPECIFICATIONS

System

Recording system

4-track 2-channel stereo

Fast-winding time (approx.)

100 sec. (with Sony C-60 cassette)

High-speed fast-winding time (approx.) (TC-WE835S only)

45 sec. (with Sony C-60 cassette)

Bias

Signal-to-noise ratio (at peak level and weighted with Dolby NR off)

Type I tape, Sony Type I (NORMAL): 55 dB Type II tape, Sony Type II (HIGH): 57 dB Type IV tape, Sony Type IV (METAL): 58 dB

S/N ratio improvement (approximate values)

With Dolby B NR on: 5 dB at 1 kHz, 10 dB at 5 kHz With Dolby C NR on: 15 dB at 500 Hz, 20 dB at 1 kHz

Harmonic distortion

0.4% (with Type I tape, Sony Type I (NORMAL): 160 nWb/m 315 Hz, 3rd H.D.)

1.8% (with Type IV tape, Sony Type IV (METAL):

250 nWb/m 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

| Tape type | |
|---------------------------------------|---|
| Type I tape, Sony Type I | 30 - 16,000 Hz (±3 dB, IEC), |
| (NORMAL) | 20 - 17,000 Hz (±6 dB) |
| Type II tape, Sony Type II | 30 – 17,000 Hz (±3 dB, IEC), |
| (HIGH) | 20 – 18,000 Hz (±6 dB) |
| Type IV tape, Sony Type IV (METAL) | 30 – 19,000 Hz (±3 dB, IEC), 20 – 20,000 Hz (±6 dB), 30 – 13,000 Hz (±3 dB, –4 dB recording) |

- Continued on next page -

STEREO CASSETTE DECK





Variable pitch range (approx.)

-30 to +30%

Outputs

Line outputs (phono jacks)

Rated output level: 0.5 V at a load impedance of

47 kilohms

Load impedance: Over 10 kilohms

Headphones (stereo phone jack)

Output level: 0.25 mW at a load impedance of

32 ohms

General

Power requirements

| _ |
|-------------------------------------|
| 120 V AC, 60 Hz |
| 220 – 230 V AC, 50/60 Hz |
| 240 V AC, 50/60 Hz |
| 120/220/230 – 240 V AC, 50/60 Hz |
| |

Power consumption

22 W

Dimensions (approx.) (w/h/d)

Model for U.K. and Australia:

 $430 \times 120 \times 310 \text{ mm}$

Model for other countries:

 $430 \times 120 \times 290 \text{ mm}$

 $(17 \times 4^{3}/_{4} \times 11^{-1}/_{2} \text{ in.})$

including projecting parts and controls

Mass (approx.)

4.3 kg (9 lbs 8 oz)

Supplied accessories

- Audio connecting cords (2)
- Sony R6 (size AA) batteries (2)*
- Control A1 cord (1)**

Design and specifications are subject to change without notice.

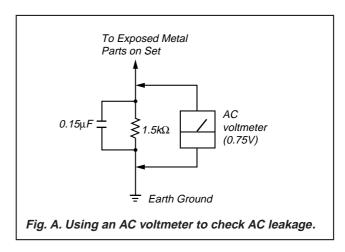
SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth Ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE A SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

与安全有关的零部件须知

在安全操作上具有关键性的电路调整与索尼公司出版的 维修手册完全一致。在更换关键零部件时或怀疑动作失常 时,请进行这些调整操作。

^{**} Supplied for Canadian models only

MODEL IDENTIFICATION

-Back panel-Part No.

| MODEL |
|--------------|
| US model |
| CND model |
| AEP model |
| UK model |
| AUS model |
| SP, MY model |
| CH model |
| |

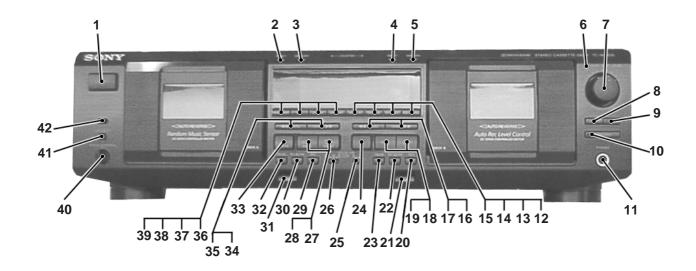
• Abbreviation CND : Canadian model SP : Singapore model
MY : Malaysia model
AUS : Australian model CH : Chinese model

TABLE OF CONTENTS

| 1. GENERAL4 |
|--|
| 2. DISASSEMBLY 2-1. Case |
| 2-2. Front Panel Assembly |
| 2-3. Cassette Lid Assembly (Deck A/B) |
| 2-4. Mechanism Deck Assembly (Deck A/B) |
| 2-5. Leaf SW (REC/PB) Board (Deck A/B) |
| 2-7. Flywheel (FWD)/(REV) Assembly (Deck A/B) |
| 2-8. Mechanical Block Assembly (Deck A/B) |
| 2-9. Head Relay (REC/PB) Board (Deck A/B)9 |
| 3. SERVICE MODE 10 |
| 4 MEQUANIQAL AR HIGHMENTO |
| 4. MECHANICAL ADJUSTMENTS11 |
| 5. ELECTRICAL ADJUSTMENTS11 |
| 6. DIAGRAMS |
| 6-1. Circuit Boards Location |
| 6-2. Printed Wiring Board – Main Section – |
| 6-3. Schematic Diagram – Main Section – (1/4) |
| 6-4. Schematic Diagram – Main Section – (2/4) |
| 6-5. Schematic Diagram – Main Section – (3/4) |
| 6-7. Printed Wiring Board – Deck Section – |
| 6-8. Schematic Diagram – Deck Section – |
| 6-9. Schematic Diagram – Display Section – |
| 6-10. Printed Wiring Board – Display Section – |
| 6-11. Schematic Diagram – Panel Section – |
| 6-12. Printed Wiring Board – Panel Section – |
| 6-13. Schematic Diagram – Power Section – |
| 6-14. Printed Wiring Board – Power Section – |
| 0-13. IC FIII Function |
| 7. EXPLODED VIEWS |
| 7-1. Case Section |
| 7-2. Chassis Section |
| 7-3. Cassette Holder Section |
| 7-4. Front Panel Section |
| • |
| 8. ELECTRICAL PARTS LIST48 |

SECTION 1 GENERAL

Front Panel



LOCATION OF PARTS AND CONTROLS

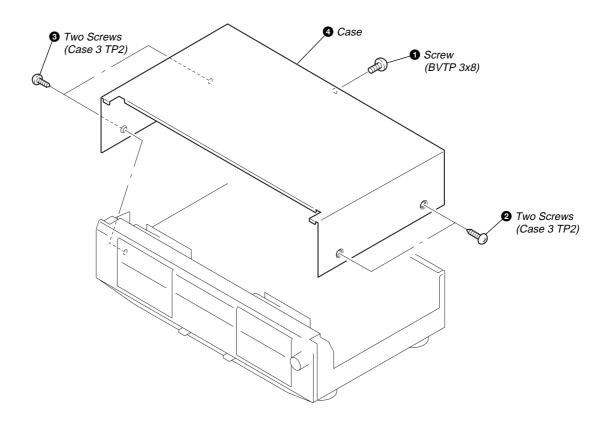
- 1 ① button
- 2 RESET (Deck A) button
- 3 MEMORY (Deck A) button
- 4 RESET (Deck B) button
- 5 MEMORY (Deck B) button
- 6 AUTO REC LEVEL indicator
- 7 REC LEVEL knob
- **8** FADER button
- **9** ARL button
- 10 SYNCHRO button
- 11 PHONES jack
- 12 HIGH/NOMAL button
- **13** A+B REC button
- **14** DECK B button
- **15** DECK A button
- **16** (AMS) ►► (Deck B) button
- **17** ◀◀ (AMS) (Deck B) button
- 18 (Deck B) button
- **19** < (Deck B) button
- **20** REC (Deck B) button
- 21 ≜ (Eject) (Deck B) button

- 22 REC MUTING O (Deck B) button
- 23 PAUSE **■** (Deck B) button
- **24** (Deck B) button
- 25 DOLBY NR B/C switch
- **26** DOLBY NR OFF/ON FILTER
- 27 >/FRONT (Deck A) button
- 28 /BACK (Deck A) button
- **29** REC (Deck B) button
- **30** REC MUTING **O** (Deck A) button
- **31** \triangleq (Eject) (Deck A) button
- **32** PAUSE **■** (Deck A) button
- **33** ■/CLEAR (Deck A) button
- **34** (AMS) ►► (Deck A) button
- **35** ◀◀ (AMS) (Deck A) button
- **36** DISPLAY button
- 37 CHECK button
- **38** SET button
- **39** RMS/START button
- **40** PITCH CONTROL knob
- **41** PITCH CONTROL button
- **42** DIRECTION switch
- AMS is the abbreviation for Automatic Music Sensor.

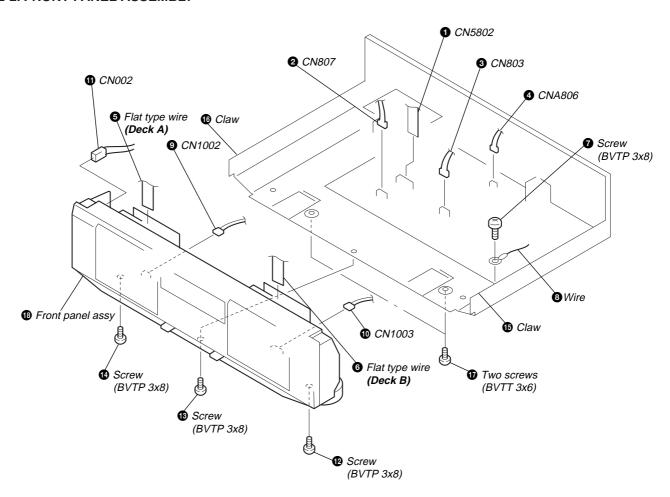
SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

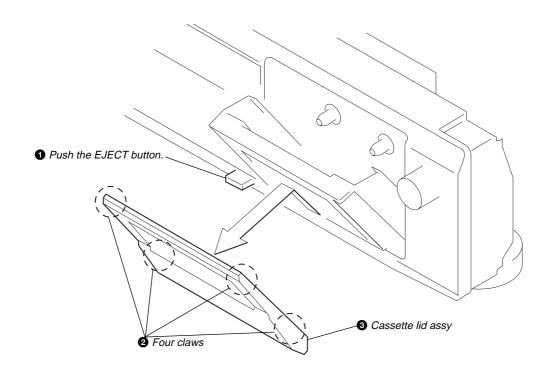
2-1. CASE



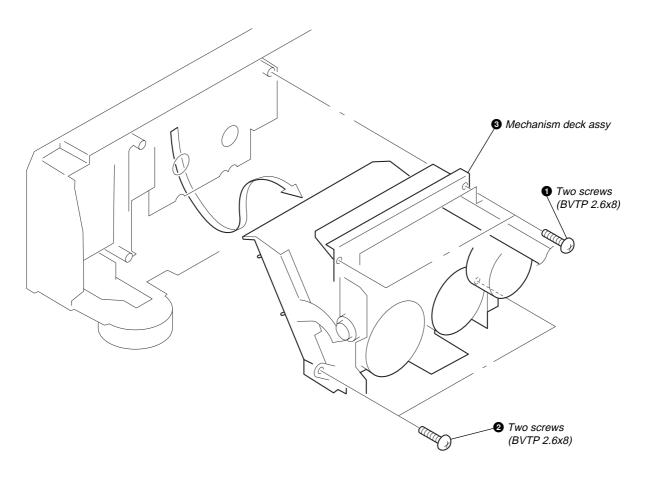
2-2. FRONT PANEL ASSEMBLY



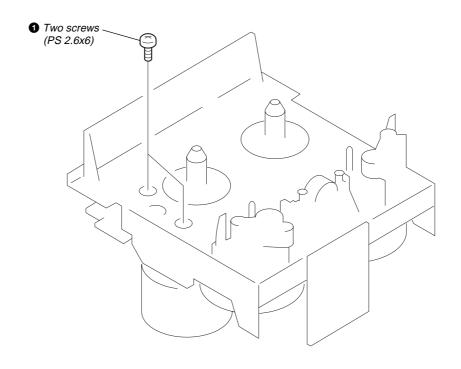
2-3. CASSETTE LID ASSEMBLY (DECK A/B)

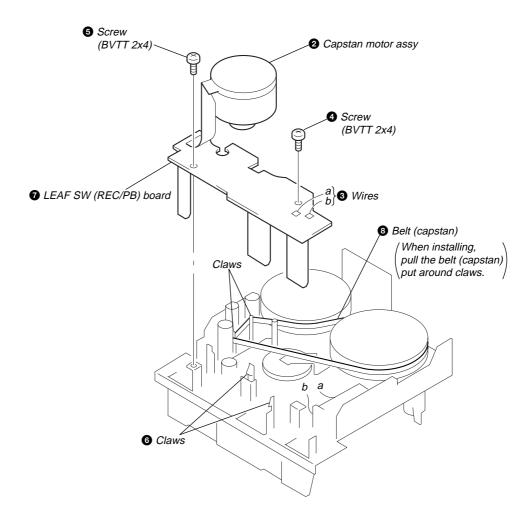


2-4. MECHANISM DECK ASSEMBLY (DECK A/B)

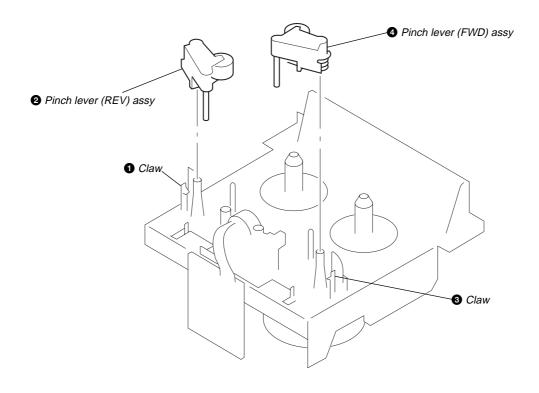


2-5. LEAF SW (REC/PB) BOARD (DECK A/B)

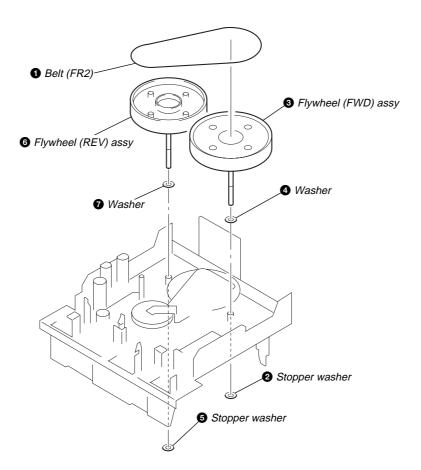




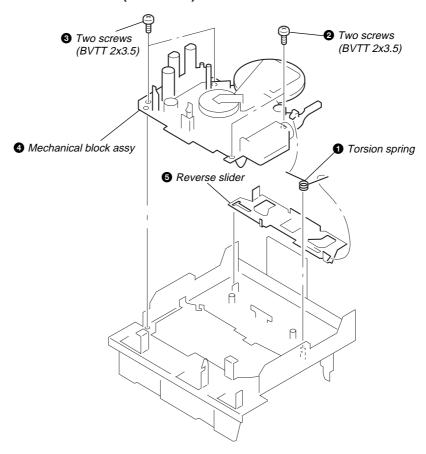
2-6. PINCH LEVER (FWD)/(REV) ASSEMBLY (DECK A/B)



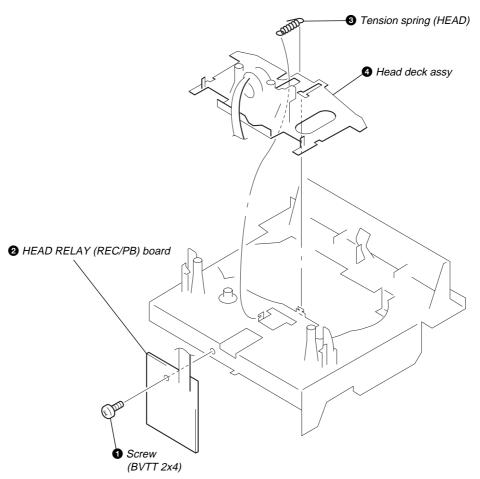
2-7. FLYWHEEL (FWD)/(REV) ASSEMBLY (DECK A/B)



2-8. MECHANICAL BLOCK ASSEMBLY (DECK A/B)



2-9. HEAD RELAY (REC/PB) BOARD (DECK A/B)



SECTION 3 SERVICE MODE

KEY CHECK & DISPLAY CHECK MODE

While pressing the \square /BACK (A deck) and REC MUTING \bigcirc (B deck) buttons with the power off, press the \bigcirc button to turn on the power.

The fluorescent display tube displays the number or special message corresponding to the button pressed.

The message displayed differs according to the position of the switch.

| | A deck side | B deck side | | | | |
|-----------------------|-------------------------|----------------------|----------------------------|--|--|--|
| Button | Display | Button | Display | | | |
| RESET | 0 | RESET | 0 | | | |
| MEMORY | 1 | MEMORY | 1 | | | |
| RMS/START | 2 | DECK A | 2 | | | |
| SET | 3 | DECK B | 3 | | | |
| CHECK | 4 | A+B REC | 4 | | | |
| DISPLAY | 5 | HIGH/NOMAL | 5 | | | |
| ◄ (AMS) | 6 | ◄ (AMS) | 6 | | | |
| (AMS) ►► | 7 | (AMS) ►► | 7 | | | |
| ■/CLEAR | Grid check display (*1) | | Segment check display (*2) | | | |
| ⋖ /BACK | 8 | ⊲ | 8 | | | |
| ►/FRONT | 9 | \triangleright | 9 | | | |
| PAUSE II | A | PAUSE II | A | | | |
| REC MUTING O | b | REC MUTING O | b | | | |
| REC ● | С | REC ● | С | | | |
| DIRECTION MODE switch | | FADER | d | | | |
| \rightleftharpoons | \triangleleft | ARL | Е | | | |
| \Box | PLAY | SYNCHRO | All lit | | | |
| RELAY | \triangleright | DOLBY NR switch (*3) | | | | |
| | | OFF | \triangleleft | | | |
| | | В | PLAY | | | |
| | | C | \triangleright | | | |

(*3) The DOLBY NR switch consists of a pair of switches. B and C are valid only in the ON or ON FILTER state.

Grit check display (*1)



Segment check display (*2)



SECTION 4 MECHANICAL ADJUSTMENTS

PRECAUTION

 Clean the following parts with a denatured alcohol-moistened swab:

> record/playback/erase head pinch roller rubber belts capstan idlers

- Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustment.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

| Mode | Torque meter | Meter reading |
|---------|--------------|---|
| Forward | CQ-102C | 30 to 65 g • cm (0.42 to 0.90 oz • inch) |
| | | (0.42 to 0.90 oz • men) |
| | | DECK A: 1 to 6 g • cm |
| Forward | | (0.014 to 0.083 oz • inch) |
| back | CQ-102C | |
| tension | | DECK B: 2 to 9 g • cm |
| | | (0.028 to 0.125 oz • inch) |
| n | GO 102DG | 30 to 65 g • cm |
| Reverse | CQ-102RC | (0.42 to 0.90 oz • inch) |
| Reverse | | |
| back | CO-102RC | 1 to 6 g • cm |
| tension | - Q 102110 | (0.014 to 0.083 oz • inch) |
| EE/DEW | GO 201B | 70 to 120 g • cm |
| FF/REW | CQ-201B | (0.97 to 1.67 oz • inch) |

SECTION 5 ELECTRICAL ADJUSTMENTS

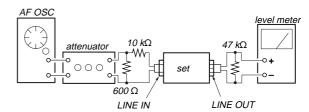
PRECAUTION

- 1. The adjustment should be performed in the publication. (Be sure to male playback adjustment at first.)
- The adjustments and measurement should be performed for both L-CH and R-CH.
 - Switch position

• Standard record position:

Deliver the standard input signal level to input jack and set the REC LEVEL knob to obtain the standard output signal level as follows.

- Record Mode-



Standard Input Level

| Input terminal | LINE IN |
|--------------------|-----------------|
| source impedance | 10 kΩ |
| input signal level | 0.5 V (-3.8 dB) |

Standard Output Level

| Input terminal | LINE IN |
|--------------------|-----------------|
| source impedance | 10 kΩ |
| input signal level | 0.5 V (-3.8 dB) |

Test Tape

| Tape | Contents | Use |
|----------|----------------|-----------------------|
| P-4-A100 | 10 kHz, -10 dB | Azimuth Adjustment |
| WS-48B | 3 kHz, 0 dB | Tape Speed Adjustment |
| P-4-L300 | 315 Hz, 0 dB | PB Level Adjustment |

0 dB = 0.775 V

Test Mode

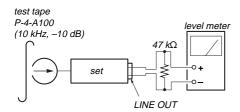
- 1. While pressing the \(> /FRONT (DECK A) \) and \(REC MUTING O \) buttons with the power off, press the \(① \) button to turn on the power. The fluorescent display tube lights up for about one second, and the test mode is set. The test mode performs the following two special functions.
 - Playback speed switching function
 Pressing the HIGH/NORMAL button switches the playback speed between standard/double speed.
 - Counter RESET & MEMORY function
 Resets the counter when recording starts. When rewound with
 the ◄ (AMS) button after recording, stops at the point where
 recording started.
- 2. To release the test mode, turn OFF the power switch.

Record/Playback Head Azimuth Adjustment

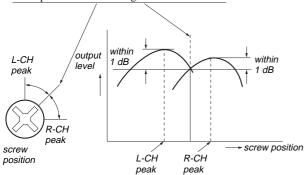
DECK A DECK B

Procedure:

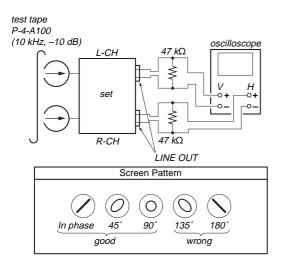
1. Forward Playback Mode



Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw <u>until both</u> of output levels match together within 1 dB.

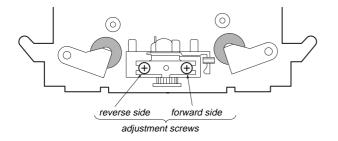


3. Playback Mode



- 4. Change the reverse playback mode and repeat the steps 1 to 3.
- After the adjustment, lock the adjustment screws with suitable locking compound.

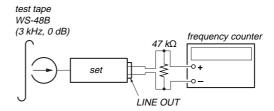
Adjustment Location: - record/playback head -



Tape speed Adjustment DECK A DECK B Adjust DECK A first

Procedure:

- Forward Playback Mode -



(High speed adjustment)

- 1. Press the PITCH CONTROL button to set to OFF
- 2. Set to test mode. (Refer to page 11.)
- 3. Press the button to playback.
- 4. Press the HIGH/NORMAL button to playback at double speed.
- 5. Adjust RV316 (DECK A), RV416 (DECK B) so that the frequency counter reading becomes 5,980 \pm 80 Hz.

(Normal speed adjustment)

- 6. Press the button to playback.
- 7. Press the HIGH/NORMAL button to playback at normal speed.
- 8. Adjust RV317 (DECK A), RV417 (DECK B) so that the frequency counter reading becomes 3,000 \pm 90 Hz.

(Pitch control adjustment) (DECK A)

- 9. Press the PITCH CONTROL button to set to ON.
- 10. Set PITCH CONTROL knob to mechanical center.
- 11. Press the button to playback.
- 12. Adjust RV318 so that the frequency counter reading becomes $2,990 \pm 90$ Hz.

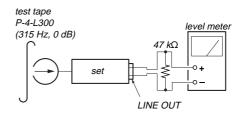
Adjustment Location: MAIN board (See page 14.)

Sample value of wow and flutter

W.RMS (JIS) less than 0.3%. (test tape: WS-48B)

Playback Level Adjustment DECK A DECK B Procedure:

Forward Playback Mode –



Adjust DECK A: RV111 (L-CH), RV211 (R-CH) and DECK B: RV121 (L-CH), RV221 (R-CH) so the level meter reading becomes the adjustment limits below.

Adjustment Value:

LINE OUT level : -7.7 ± 0.5 dB (0.301 to 0.338 V)

Level difference between channels: within 0.5 dB

Confirm that the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

Adjustment Location: MAIN board (See page 14.)

Bias Consumption Current Adjustment

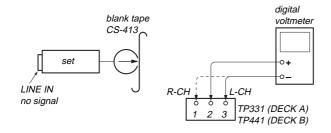
DECK A DECK B

This adjustment should be performed when replacing the head assy or the bias oscillator transformer (T131, T141),(T231, T241).

Setting:

REC LEVEL knob: standard recording position (See page 11.)

Procedure:



- Connect the digital voltmeter to test point TP331 (DECK A) and TP441 (DECK B).
- 2. Set DECK A: RV131 (L-CH), RV231 (R-CH) and DECK B: RV141 (L-CH), RV241 (R-CH) to mechanical center.
- 3. Press the button to playback.
- 4. Adjust DECK A: T131 (L-CH), T231 (R-CH) and DECK B: T141 (L-CH), T241 (R-CH) so that the digital voltmeter reading becomes minimum.

Adjustment Value: Maximum 220 mV

Adjustment Location: MAIN board (See page 14.)

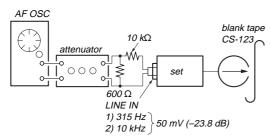
Record Bias Adjustment DECK A DECK B

Setting

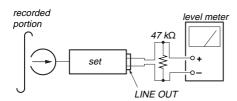
REC LEVEL knob: standard record position (See page 11.)

Procedure:

- 1. Set to test mode (See page 11.)
- 2. Insert a tape into deck B, press the REC button and then press the button to start recording.



3. Record Mode



- 4. Playback Mode
- Confirm playback the signal recorded in step 2 become adjustment level as follows.

If the selevels do not adjustment level, adjust DECK A: RV131 (L-CH), RV231 (R-CH) and DECK B: RV141 (L-CH), RV241 (R-CH) to repeat steps 3 and 4.

Adjustment level:

The palyback output of 10 kHz level difference against 315 Hz reference should be $\pm\,0.5$ dB.

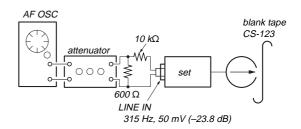
Adjustment Location: MAIN board (See page 14.)

Record Level Adjustment DECK A DECK B Setting:

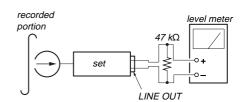
REC LEVEL knob: standard record position (See page 11.)

Procedure:

- 1. Set to test mode (See page 11.)
- 2. Insert a tspe into deck B, press the REC button and then press the □ button to start recording.
- 3. Record Mode



4. Playback Mode



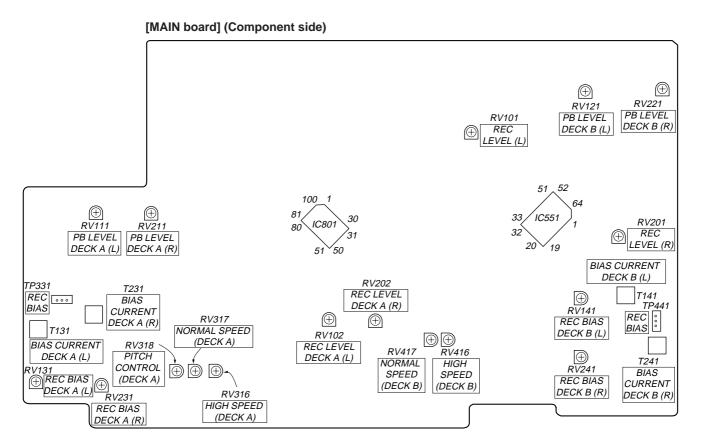
5. Confirm playback the signal recorded in step 2 become adjustment level as follows.

If the selevels do not adjustment level, adjust the RV101 (L-CH) and RV201 (R-CH) to repeat steps 3 and 4.

Adjustment Value:

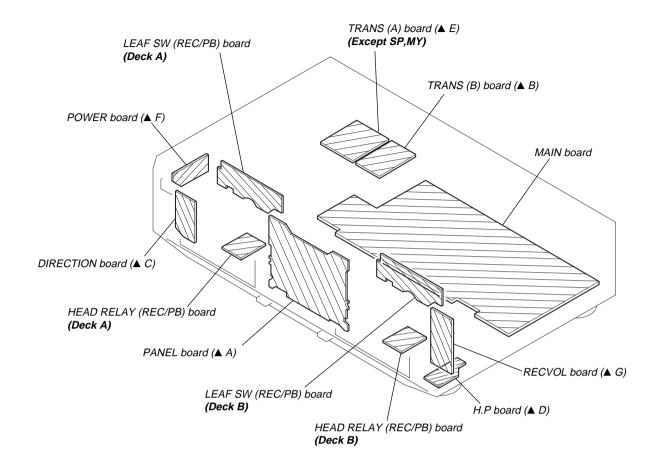
LINE OUT level : $-23.8 \pm 0.5 \text{ dB}$ (47.2 to 53.0 mV)

Adjustment Location: MAIN board (See page 14.)



SECTION 6 DIAGRAMS

6-1. CIRCUIT BOARDS LOCATION



• A to AG are including into the mounted panel board.

THIS NOTE IS COMMON FOR PRINTED WIRING **BOARDS AND SCHEMATIC DIAGRAMS.** (In addition to this, the necessary note is printed in each block.)

For schematic diagrams.

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}/_{4}$ W or less unless otherwise specified.

% : indicates tolerance.

: internal component.

fusible resistor.
panel designation.

Note:

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

Note:

Les composants identifiés par une marque △ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

以阴影和 Δ 标志来识别的零 部件, 在安全方面具有关键 性, 因此只能以规定号码的 零部件来更换,

B + : B+ Line.

B – : B– Line.

: adjustment for repair.

Voltage is dc with respect to ground under no-signal (detuned) condition.

no mark: STOP):REC

- Voltages are taken with a VOM (Input impedance 10 $M\Omega$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.

Voltage variations may be noted due to normal production tolerances.

· Circled numbers refer to waveforms.

Signal path.

> PB Σ>> : REC

Abbreviation

CND: Canadian model. AUS : Australian model. SP: Singapore model.

MY : Malaysia model. CH : Chinese model.

For printed wiring boards.

Note:

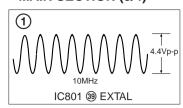
- : parts extracted from the component side.
- Pattern from the side which enables seeing.
- Transistor of "B" and "C" indication is omitted.

· Indication of transistor



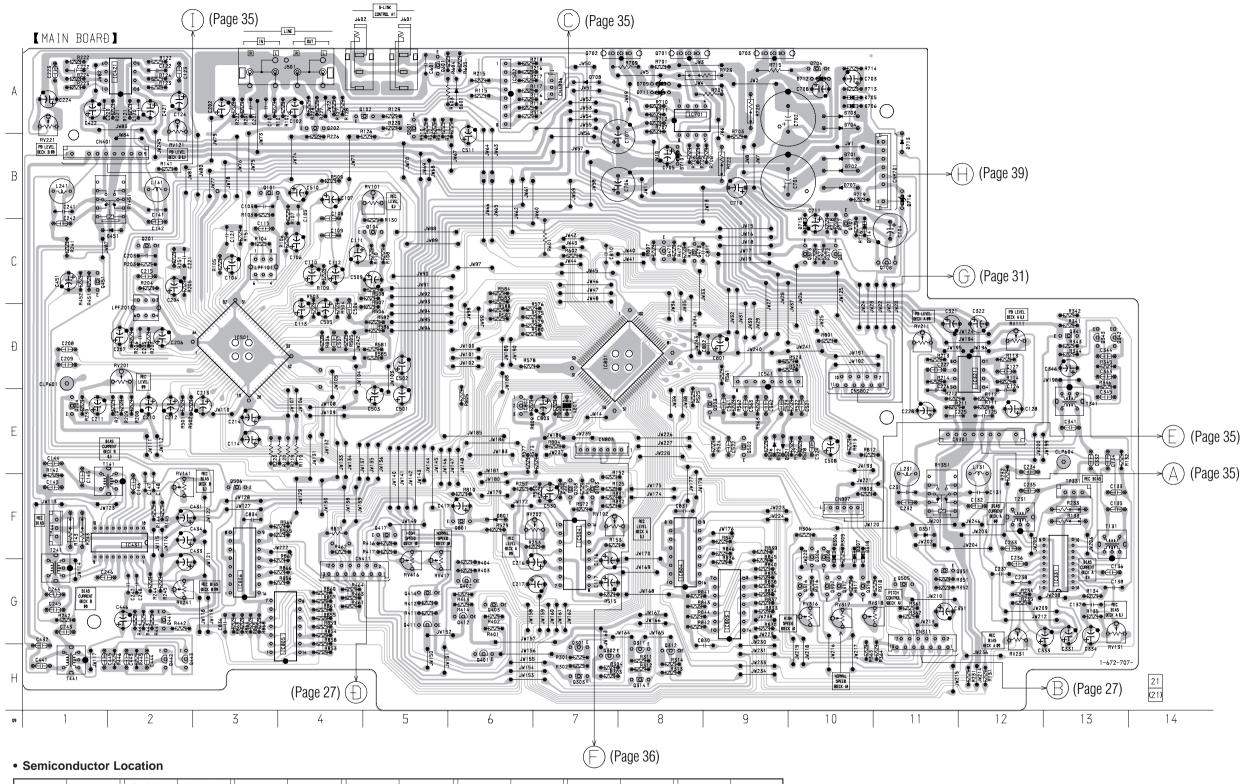
These are omitted

WAVEFORMS - MAIN SECTION (3/4) -



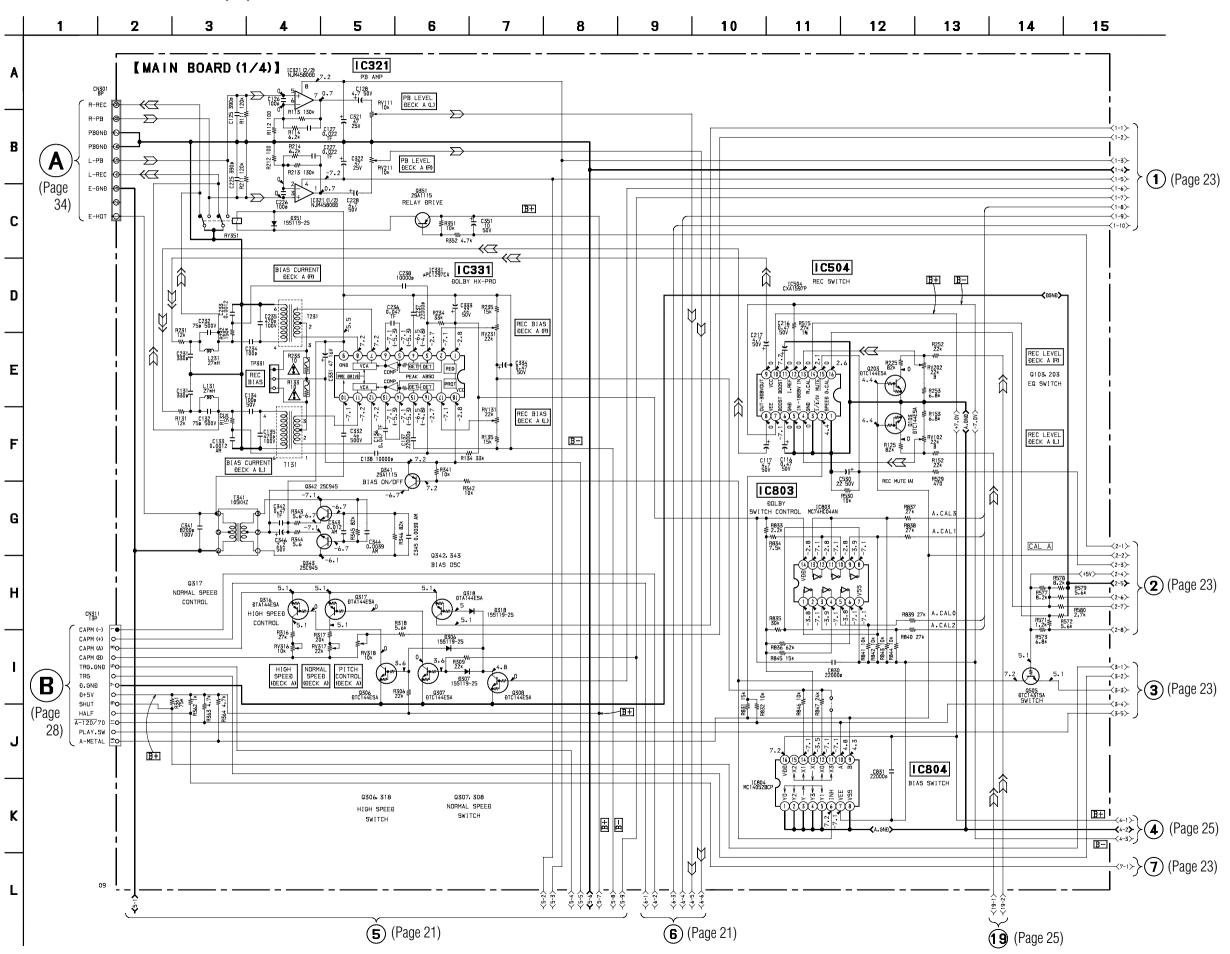
6-2. PRINTED WIRING BOARD - MAIN SECTION -

• See page 15 for Circuit Boards Location.

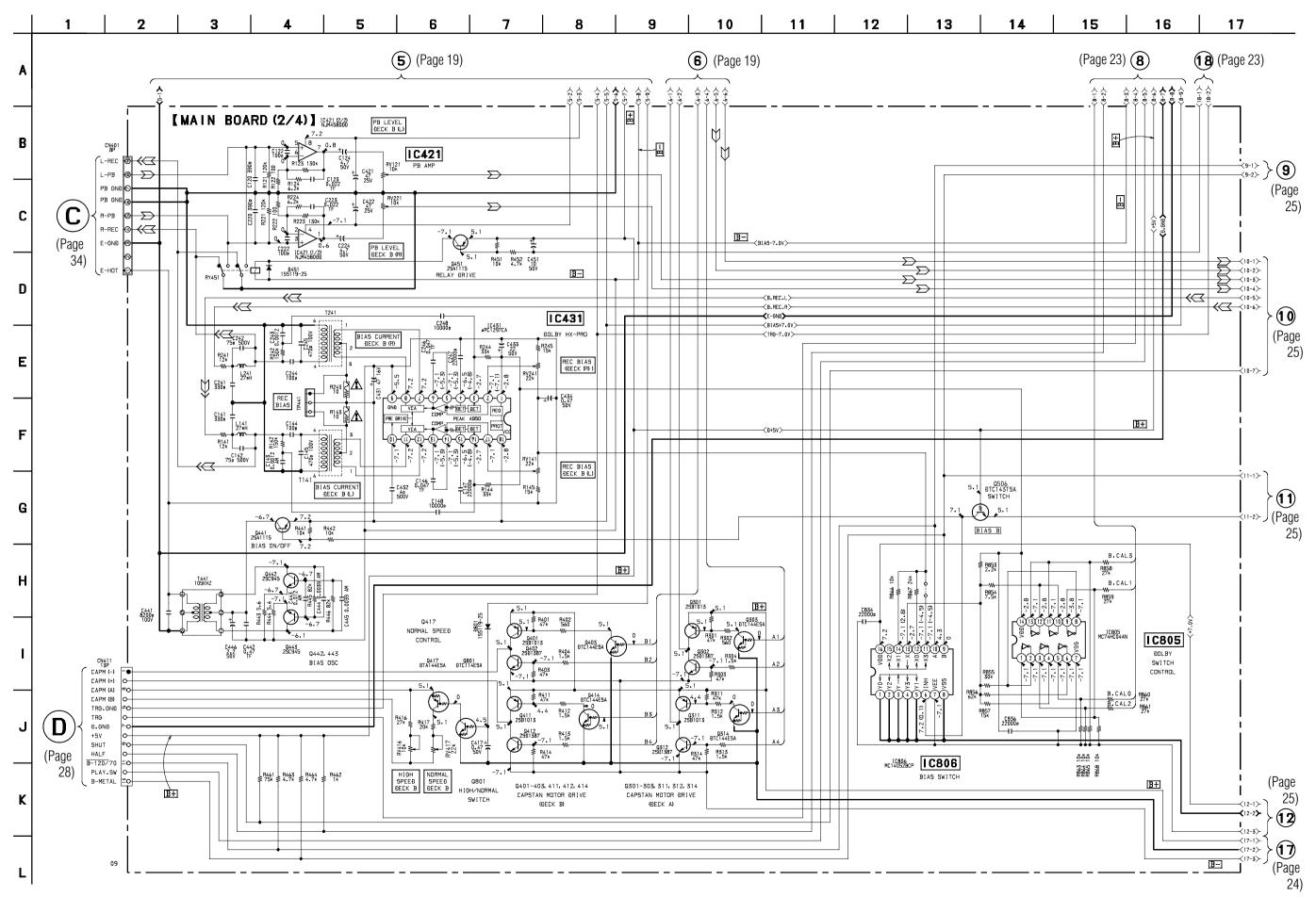


| Ref. No. | Location |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| D306 | F-10 | D707 | B-10 | IC421 | A-2 | Q101 | B-3 | Q311 | H-8 | Q403 | G-6 | Q505 | G-11 |
| D307 | F-10 | D708 | A-7 | IC431 | F-2 | Q102 | A-5 | Q312 | H-8 | Q411 | G-5 | Q506 | F-3 |
| D318 | F-10 | D709 | A-8 | IC501 | D-3 | Q103 | F-7 | Q314 | H-8 | Q412 | G-6 | Q601 | A-5 |
| D351 | F-11 | D710 | B-8 | IC502 | A-6 | Q104 | C-5 | Q316 | G-10 | Q414 | G-5 | Q701 | A-8 |
| D451 | C-1 | D711 | A-8 | IC504 | F-7 | Q201 | C-2 | Q317 | G-10 | Q417 | F-5 | Q702 | A-7 |
| D521 | E-9 | D712 | A-10 | IC561 | D-9 | Q202 | A-4 | Q318 | G-10 | Q441 | G-2 | Q703 | A-9 |
| D522 | E-9 | D713 | B-11 | IC701 | A-8 | Q203 | F-7 | Q341 | D-13 | Q442 | H-2 | Q704 | A-10 |
| D601 | A-6 | D714 | C-10 | IC801 | D-7 | Q204 | E-1 | Q342 | D-13 | Q443 | H-2 | Q707 | C-10 |
| D701 | B-10 | D715 | C-10 | IC802 | E-6 | Q301 | H-7 | Q343 | D-13 | Q451 | C-1 | Q708 | C-11 |
| D702 | B-10 | D716 | B-11 | IC803 | G-9 | Q302 | H-7 | Q351 | G-11 | Q471 | C-8 | Q801 | F-6 |
| D703 | A-10 | D801 | F-6 | IC804 | G-8 | Q303 | H-7 | Q371 | C-10 | Q473 | C-8 | | |
| D704 | A-10 | | | IC805 | G-4 | Q306 | F-10 | Q373 | C-10 | Q501 | A-5 | | |
| D705 | A-10 | IC321 | D-12 | IC806 | G-3 | Q307 | G-10 | Q401 | H-6 | Q502 | E-9 | | |
| D706 | A-10 | IC331 | G-13 | | | Q308 | F-10 | Q402 | G-6 | Q503 | E-9 | | |

6-3. SCHEMATIC DIAGRAM - MAIN (1/4) SECTION -

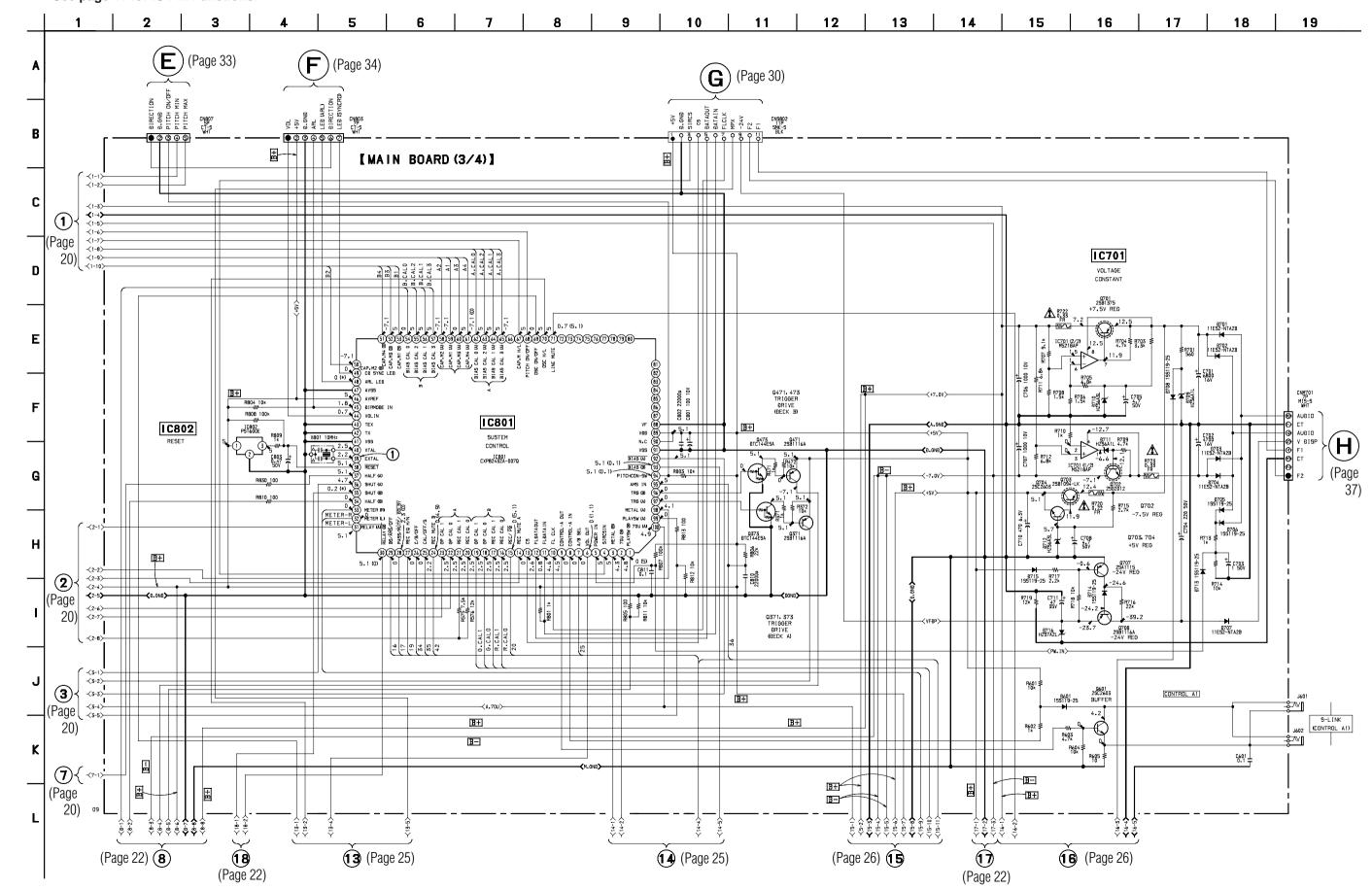


6-4. SCHEMATIC DIAGRAM - MAIN (2/4) SECTION -

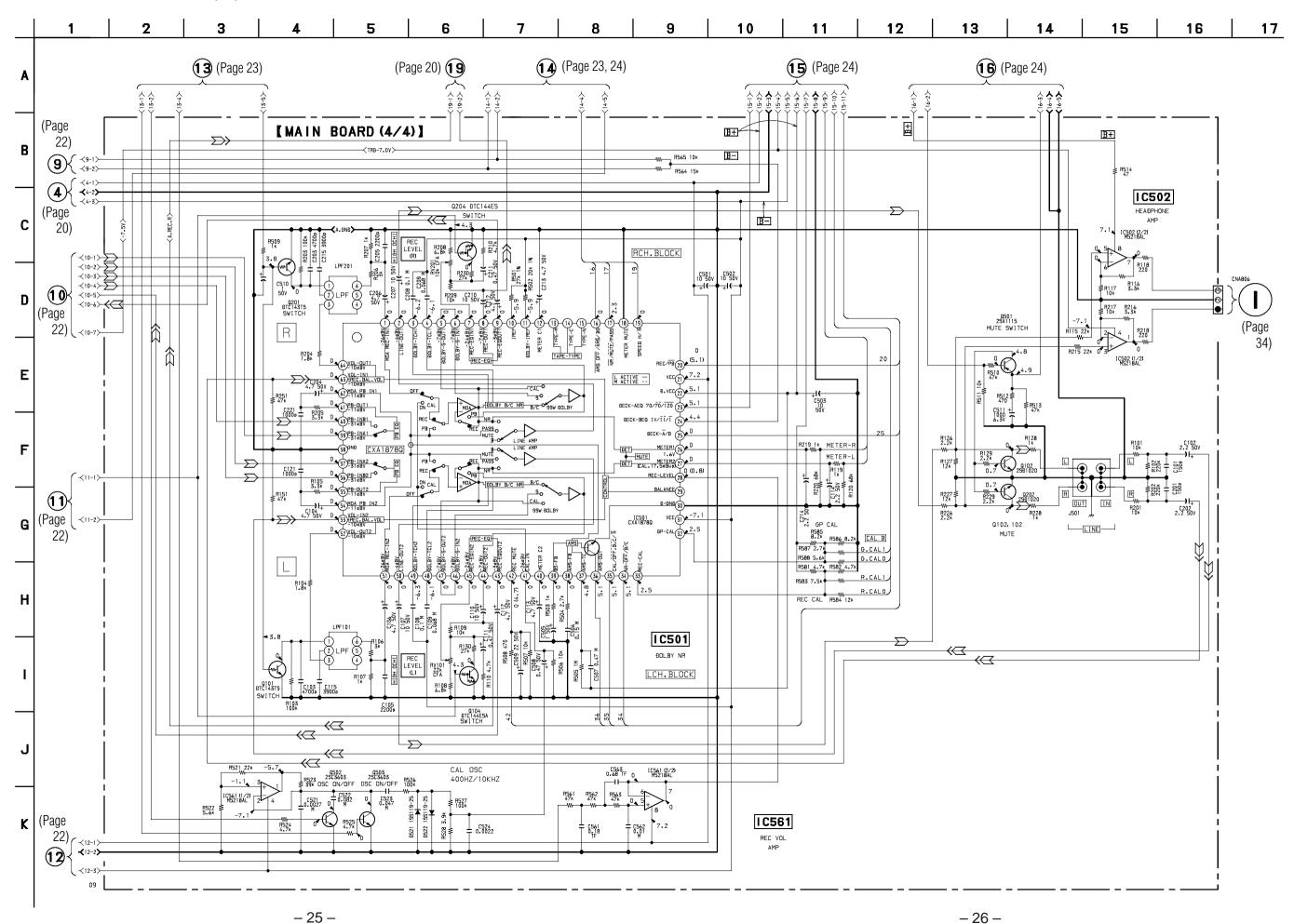


6-5. SCHEMATIC DIAGRAM - MAIN (3/4) SECTION -

- See page 16 for Waveforms.
- See page 17 for Printed Wiring Board.
- See page 41 for IC Pin Functions.

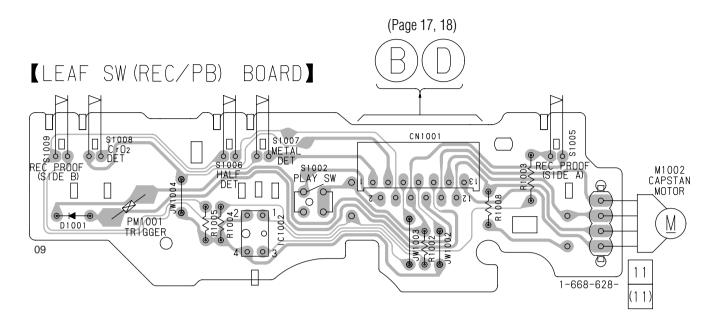


6-6. SCHEMATIC DIAGRAM - MAIN (4/4) SECTION -

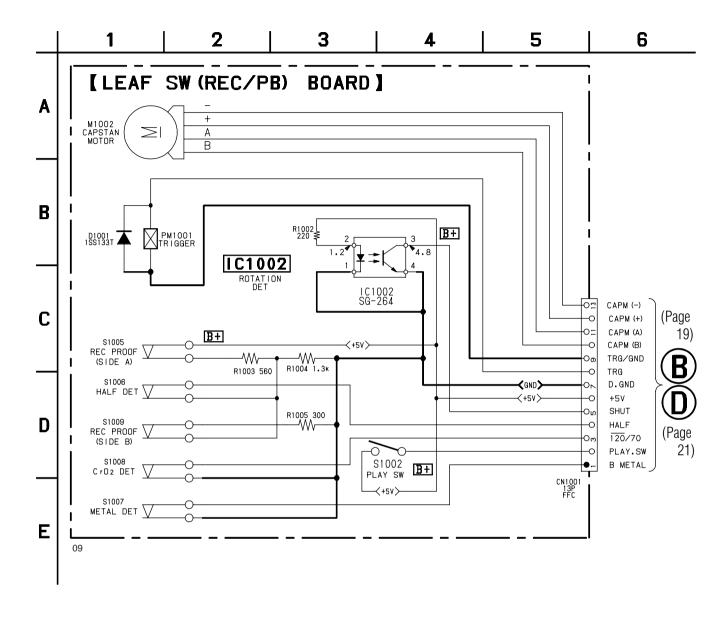


6-7. PRINTED WIRING BOARD - DECK SECTION -

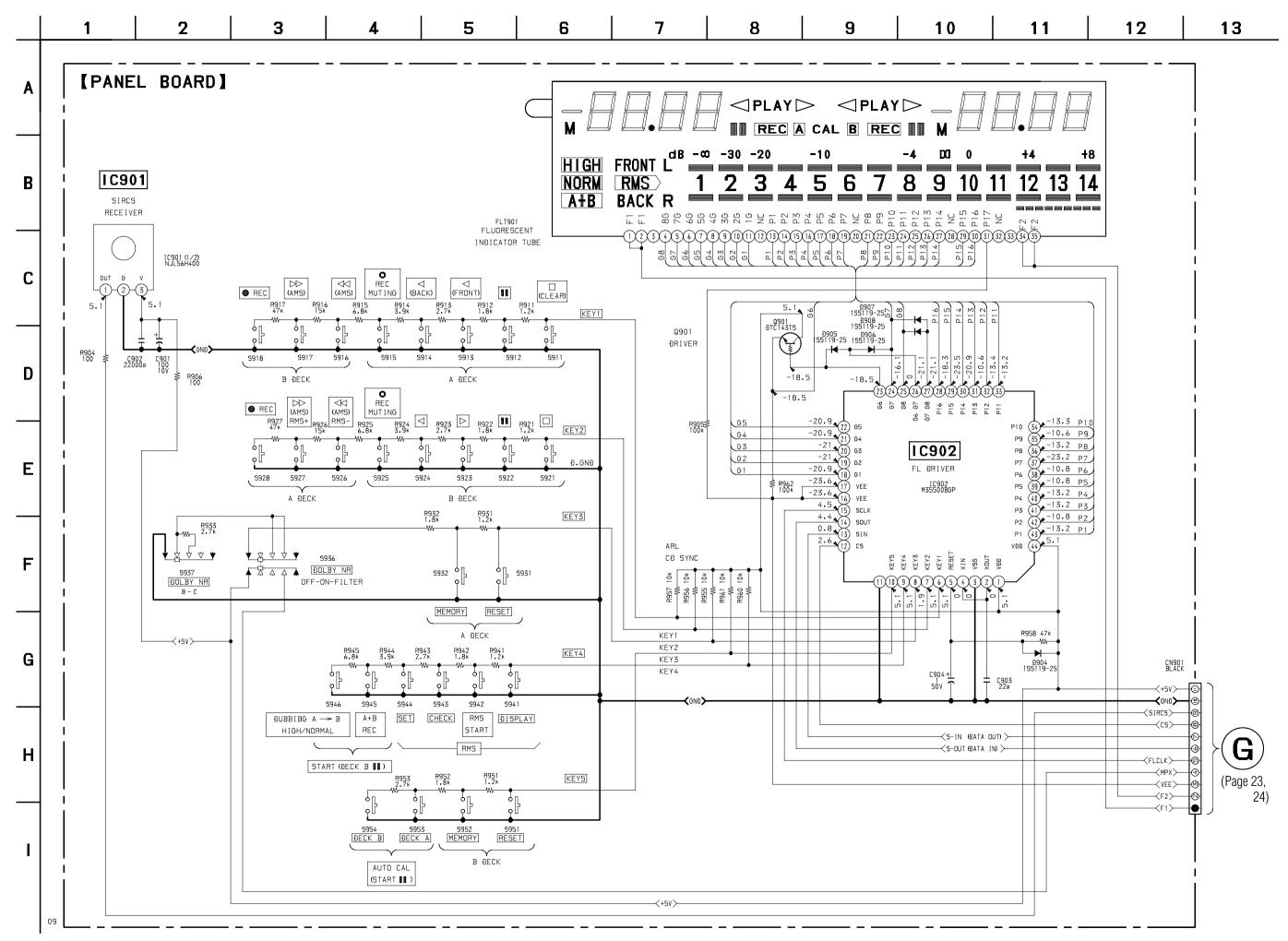
• See page 15 for Circuit Boards Location.



6-8. SCHEMATIC DIAGRAM - DECK SECTION -



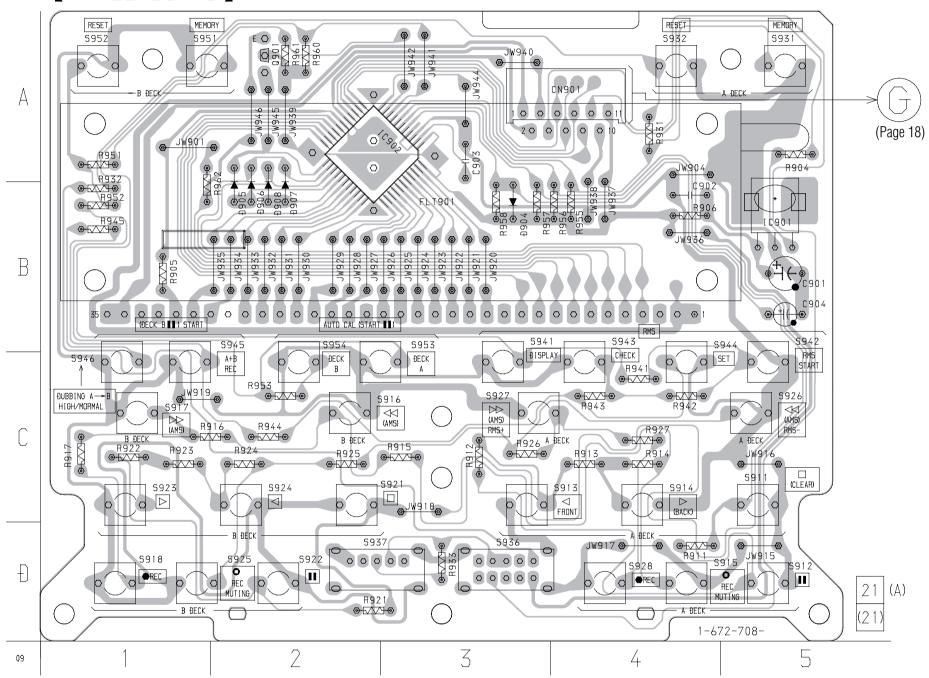
6-9. SCHEMATIC DIAGRAM - DISPLAY SECTION -



6-10. PRINTED WIRING BOARD - DISPLAY SECTION -

• See page 15 for Circuit Boards Location.

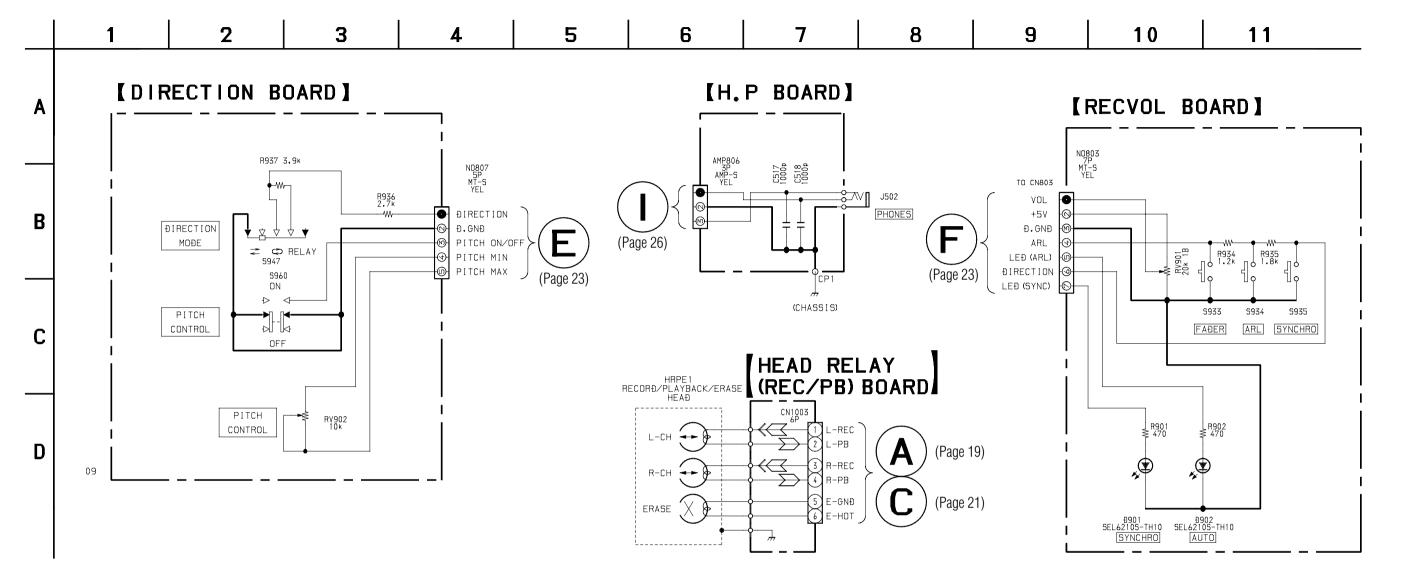
[PANEL BOARÐ]



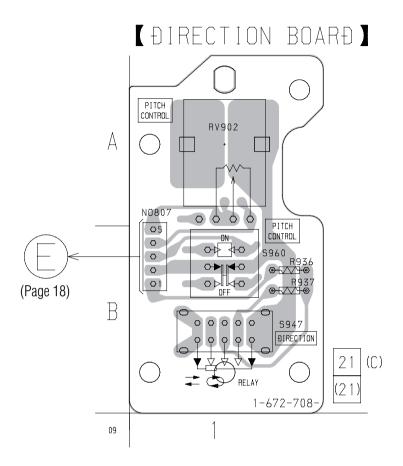
• Semiconductor Location

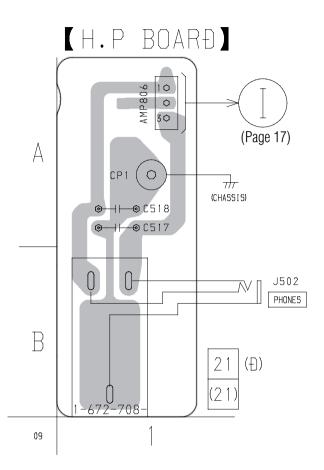
| Locatio | |
|----------|----------|
| Ref. No. | Location |
| D904 | B-3 |
| D905 | B-2 |
| D906 | B-2 |
| D906 | B-2 |
| D907 | B-2 |
| D908 | B-2 |
| IC901 | B-5 |
| IC902 | A-2 |
| Q901 | A-2 |

6-11. SCHEMATIC DIAGRAM - PANEL SECTION -

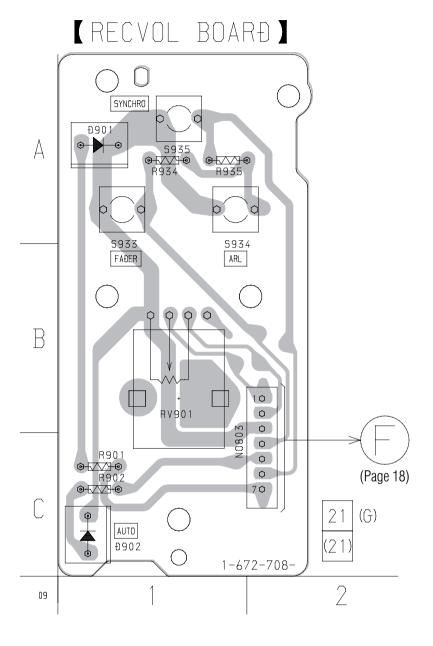


6-12. PRINTED WIRING BOARD – PANEL SECTION – • See page 15 for Circuit Boards Location.

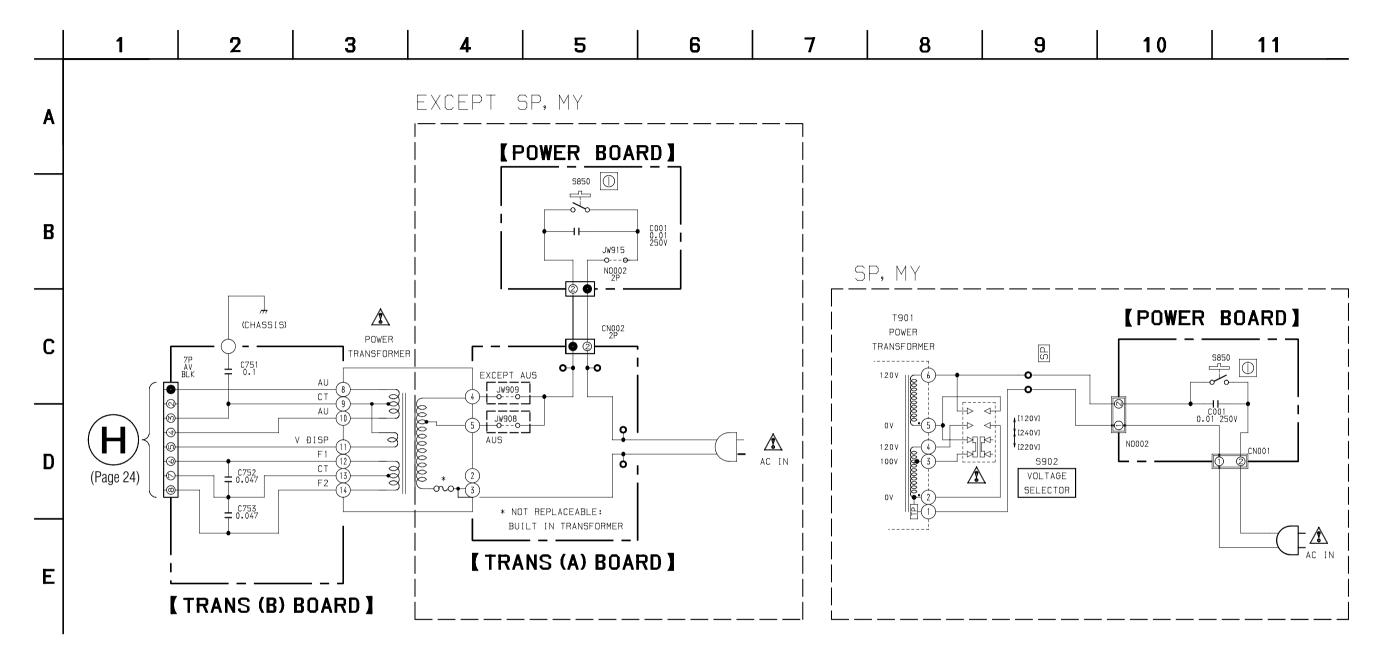




HEAD RELAY (REC/PB) BOARD HRPE1 RECORD/PLAYBACK/ERASE HEAD G CN1003 S ERASE 1-668-635 (Page 18)

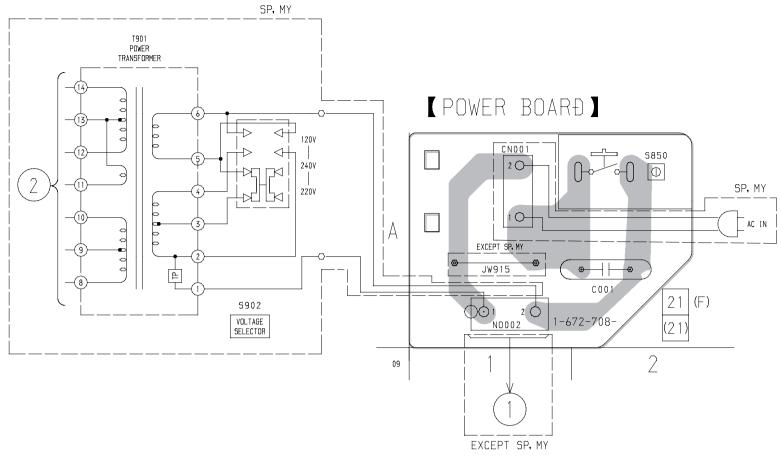


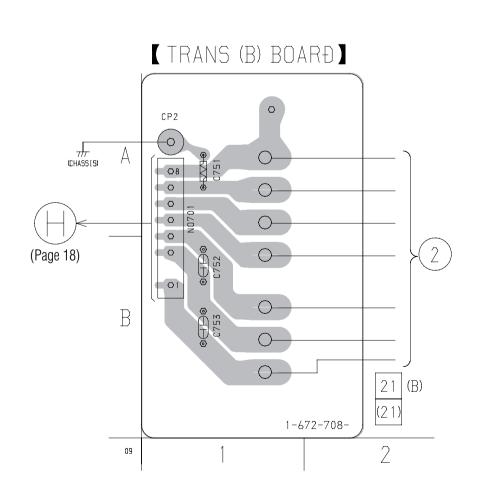
6-13. SCHEMATIC DIAGRAM - POWER SECTION -

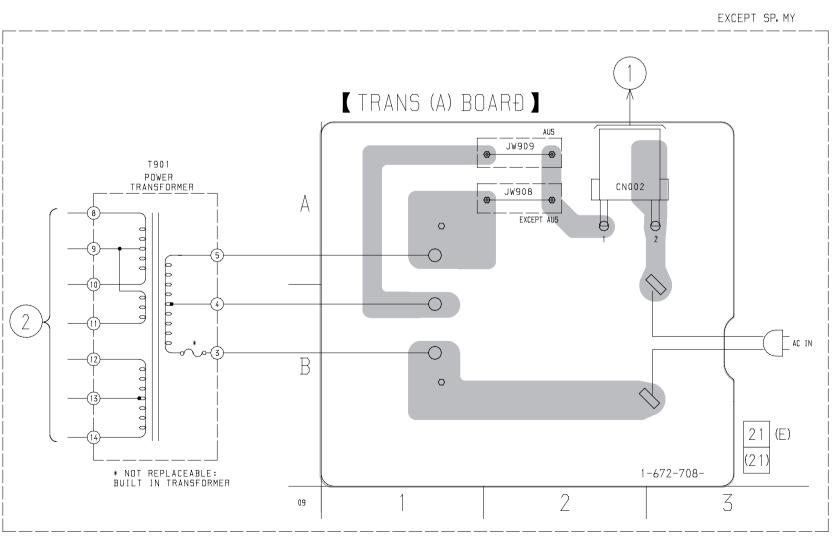


6-14. PRINTED WIRING BOARD - POWER SECTION -

• See page 15 for Circuit Boards Location.







6-15. IC PIN FUNCTION

• IC801 SYSTEM CONTROL (CXP82432A-007Q) (MAIN board)

| Pin No. | Pin Name | I/O | Function |
|--|---|-----------------------|--|
| 1 | PLAYSW (B) | I | Play switch input (DECK B) |
| 2 | 70U (B) | 0 | 70μ output (DECK B) |
| 3 | METAL (B) | I | METAL input (DECK B) |
| 4 | SIRCS IN | I | Sircs signal input |
| 5 | POWER IN | I | Power hold input |
| 6 | VOL OUT | О | Volume output |
| 7 | A/B SEL | I | Playback A/B selector input "L": A, "H": B |
| 8 | CONTROL-A IN | I | Control A signal input |
| 9 | CONTROL-A OUT | О | Control A signal output |
| 10 | FL CLK | I | FL CLK control input |
| 11 | FL DATA IN | I | Display control input |
| 12 | FL DATA OUT | О | Display control output |
| 13 | CS | I | Sircs signal input |
| 14 | REC MUTE A | 0 | Recording mute output "L": Mute ON |
| 15 | REC /PB | 0 | Record /playback dolby NR mode selector output "L": Playback |
| 16 | REC CAL 0 (B) | 0 | Recoding CAL control 0 (DECK B) |
| 17 | REC CAL 1 (B) | 0 | Recoding CAL control 1 (DECK B) |
| 18 | GP CAL 0 (B) | 0 | GP CAL control 0 (DECK B) |
| 19 | GP CAL 1 (B) | 0 | GP CAL control 1 (DECK B) |
| 20 | REC CAL 0 (A) | 0 | Recoding CAL control 0 (DECK A) |
| 21 | REC CAL 1 (A) | 0 | Recoding CAL control 1 (DECK A) |
| 22 | GP CAL 0 (A) | 0 | GP CAL control 0 (DECK A) |
| 23 | GP CAL 1 (A) | 0 | GP CAL control 1 (DECK A) |
| 23 | NC | _ | Not used |
| 24 | REC MUTE B | 0 | Recording mute output (DECK B) |
| 25 | CAL/OFF/S | 0 | CAL select switch |
| 26 | C/B/OFF | 0 | Dolby selector "H": C,"Open": B, "L": Dolby off |
| 27 | REC EQ H/N | 0 | REC EQ high/normal selector output "L": Dolby |
| 28 | PASS/MUTE/DOLBY | 0 | Audio selector "H": Pass, "Open": Mute, "L": Recording |
| 29 | BS/AMS/OFF | 0 | AMS amp selector "H": BS, "Open": AMS, "L": OFF |
| 30 | RELAY (B) | I | Relay swich input (DECK B) |
| 31 | RELAY (A) | I | Relay swich input (DECK A) |
| 32 | METER (L) | I | Meter L-CH input |
| 33 | METER (R) | I | Meter R-CH input |
| 34 | HALF (B) | I | Half swich input (DECK B) |
| 35 | SHUT (B) | I | Capstan motor rotation detection input (DECK B) |
| 36 | SHUT (A) | I | Capstan motor rotation detection input (DECK A) |
| 37 | HALF (A) | I | Half swich input (DECK A) |
| 38 | RESET | I | System reset input |
| 39 | EXTAL | О | System clock oscillator output (10 MHz) |
| 40 | XTAL | I | System clock oscillator input (10 MHz) |
| 41 | VSS | _ | |
| 42 | TX | _ | Ground |
| 43 | TEX | _ | |
| 44 | VOL IN | I | Auto rec level control input |
| 45 | DIR MODE IN | I | Key input |
| 46 | AVREF | _ | Connected to power supply |
| 47 | AV SS | _ | Ground |
| 48 | AR LED | 0 | AUTO LED driver "H": ON |
| 41 42 43 44 45 46 47 | VSS TX TEX VOL IN DIR MODE IN AVREF AV SS | - - I I - | Ground Auto rec level control input Key input Connected to power supply Ground |

| Pin No. | Pin Name | I/O | Function |
|----------|----------------|-----|---|
| 49 | CD SYNC LED | О | SYNCHRO LED driver "L": ON |
| 50 | CAP, M2 (B) | 0 | |
| 51 | CAP, M4 (B) | 0 | Constan motor driven (DECV D) |
| 52 | CAP, M3 (B) | 0 | Capstan motor driver (DECK B) |
| 53 | CAP, M1 (B) | 0 | |
| 54 | BIAS CAL 0 (B) | 0 | BIAS CAL control 0 (DECK B) |
| 55 | BIAS CAL 1 (B) | 0 | BIAS CAL control 1 (DECK B) |
| 56 | BIAS CAL 2 (B) | 0 | BIAS CAL control 2 (DECK B) |
| 57 | BIAS CAL 3 (B) | 0 | BIAS CAL control 3 (DECK B) |
| 58 | CAP, M2 (A) | 0 | |
| 59 | CAP, M1 (A) | 0 | C (DECK A) |
| 60 | CAP, M3 (A) | 0 | Capstan motor driver (DECK A) |
| 61 | CAP, M4 (A) | 0 | |
| 62 | BIAS CAL 0 (A) | 0 | BIAS CAL control 0 (DECK A) |
| 63 | BIAS CAL 1 (A) | 0 | BIAS CAL control 1 (DECK A) |
| 64 | BIAS CAL 2 (A) | 0 | BIAS CAL control 2 (DECK A) |
| 65 | BIAS CAL 3 (A) | 0 | BIAS CAL control 3 (DECK A) |
| 66 | NC | _ | Not used |
| 67 | CAP, M H/L | 0 | Capstan motor high/normal selector output "L": ON |
| 68 | PITCH ON/OFF | 0 | Pitch control ON/OFF output |
| 69 | OSC ON/OFF | 0 | CAL detection ON/OFF select output |
| 70 | OSC H/L | 0 | CAL oscillator ON/OFF select output |
| 71 | LINE MUTE | 0 | Line mute ON/OFF control output |
| 72 to 87 | NC | _ | Not used |
| 88 | VF | _ | Ground |
| 89 | VDD | _ | Power supply (+5V) |
| 90 | N.C | _ | Not used |
| 91 | VSS | _ | Ground |
| 92 | BIAS (A) | 0 | Bias ON/OFF output (DECK A) |
| 93 | BIAS (B) | 0 | Bias ON/OFF output (DECK B) |
| 94 | PITCH CON-SW | 0 | Pitch control ON/OFF control output "L": ON |
| 95 | AMS IN | I | AMS amp selector |
| 96 | TRG (B) | О | Trigger control output (DECK B) |
| 97 | TRG (A) | О | Trigger control output (DECK A) |
| 98 | NC | _ | Not used |
| 99 | PLAYSW (A) | I | Play swich input (DECK A) |
| 100 | 70U (A) | I | 70μ output (DECK A) |

-41 -

SECTION 7 EXPLODED VIEWS

NOTE:

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

• Abbreviation

CND: Canadian model
SP: Singapore model
MY: Malaysia model
AUS: Australian model
CH: Chinese model

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

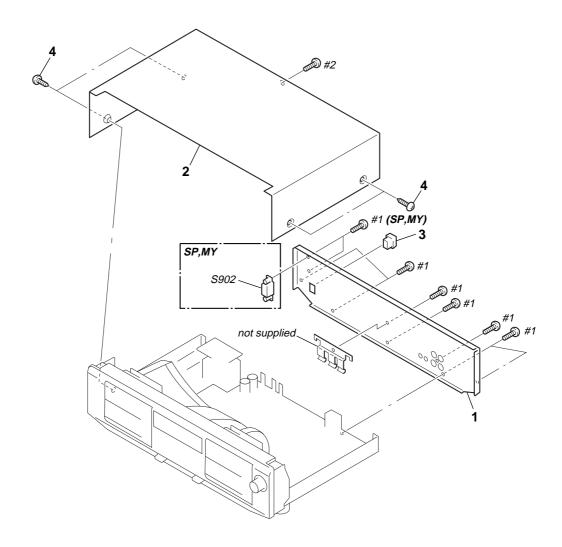
Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

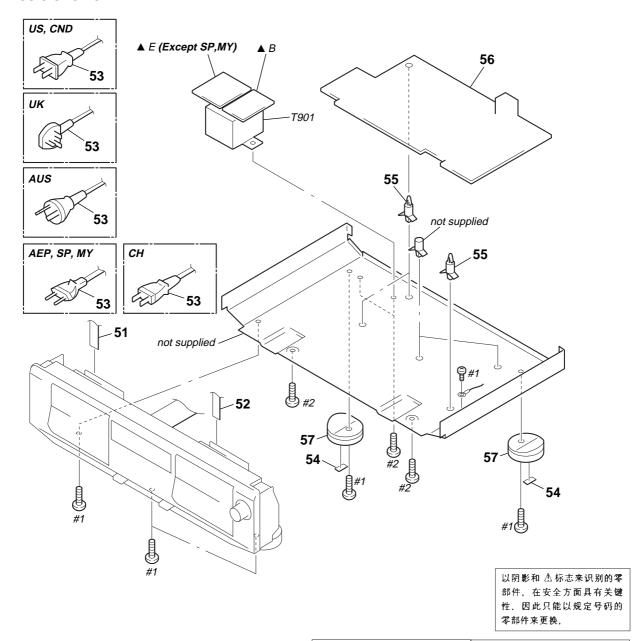
以阴影和 Δ 标志来识别的零部件,在安全方面具有关键性,因此只能以规定号码的零部件来更换。

7-1. CASE SECTION



| Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> | Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> |
|--------------------------|------------------------------|---|---------------|------------------|--------------|---|---------------|
| * 1 * 1 * 1 * 1 | 3-032-412-21 | PANEL, BACK (US) PANEL, BACK (CND) PANEL, BACK (AEP) PANEL, BACK (UK) | | * 2 3 * 3 | 3-703-244-00 | CASE (410726) BUSHING (2104), CORD (EXCEPT US, BUSHING (S)(4516), CORD (CND) | CND)) |
| * 1 * 1 * 1 | 3-032-412-41 3-032-412-51 | PANEL, BACK (AUS) | | 3 4 ▲\$902 | 3-363-099-01 | BUSHING (FBS001), CORD (US) SCREW (CASE 3 TP2) SELECTOR, POWER VOLTAGE (SP,MY | ·) |

7-2. CHASSIS SECTION



 \blacktriangle B and \blacktriangle E are including into the mounted panel board (Ref. No.163).

▲ B TRANS (B) board

▲ E TRANS (A) board (EXCEPT SP, MY)

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number

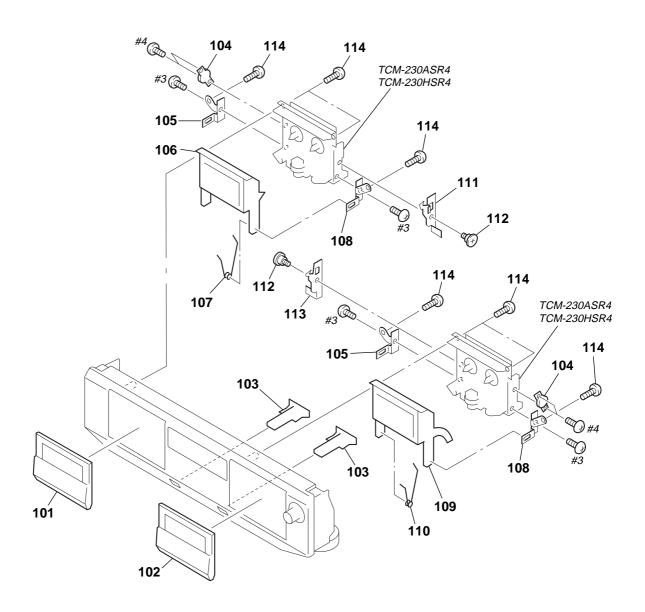
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

| Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> | Ref. No. | Part No. | Description | <u>Remark</u> |
|--------------|--------------|---------------------------------|---------------|----------------|--------------|-------------------------------|---------------|
| 51 | 1-751-086-11 | WIRE (FLAT TYPE)(13 CORE)(180mm |) | * 54 | 4-978-398-21 | CUSHION | |
| 52 | 1-769-976-11 | WIRE (FLAT TYPE)(13 CORE)(140mm |) | | | | |
| ∆ 53 | 1-558-945-21 | CORD, POWER (POLAR.SPT-1)(CND) | | * 55 | 3-346-265-31 | HOLDER, PC BOARD | |
| ∆ 53 | 1-575-651-21 | CORD, POWER (SP,MY) | | * 56 | A-2007-811-A | MAIN BOARD, COMPLETE | |
| ∆ 53 | 1-751-535-11 | CORD, POWER (UK) | | 57 | 4-977-591-01 | FOOT (F50150S)(EXCEPT US,CND) | |
| | | | | 57 | 4-977-591-11 | FOOT (F50150S)(US,CND) | |
| ∆ 53 | 1-777-107-11 | CORD, POWER (AEP) | | № T901 | 1-431-786-12 | TRANSFORMER, POWER (AEP,UK,AU | S,CH) |
| ∆ 53 | 1-777-218-11 | CORD, POWER (AUS) | | | | | |
| ∆ 53 | 1-783-108-11 | CORD, POWER (CH) | | △ T901 | 1-431-789-12 | TRANSFORMER, POWER (SP,MY) | |
| ∆ 53 | 1-783-531-51 | CORD, POWER (US) | | △ T901 | 1-431-788-12 | TRANSFORMER, POWER (US,CND) | |
| | | | | | | | |

7-3. CASSETTE HOLDER SECTION



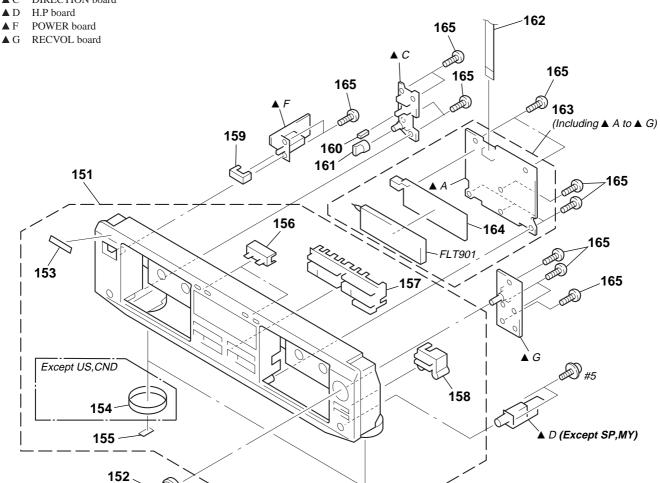
| Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> | Ref. No. | Part No. | <u>Description</u> | Remark |
|----------|--------------|---------------------------|---------------|----------|--------------|---------------------------|--------|
| 101 | X-3377-097-1 | LID (A) ASSY, CASSETTE | | 109 | X-3375-107-1 | HOLDER (L) ASSY, CASSETTE | |
| 102 | X-3376-716-1 | LID (B) ASSY, CASSETTE | | 110 | 3-019-454-01 | SPRING (L), LOADING | |
| 103 | 3-931-427-31 | BUTTON (EJ) | | | | | |
| 104 | 3-022-410-01 | DAMPER | | 111 | 3-019-453-01 | LEVER (LOCK R) | |
| 105 | 3-019-450-01 | PLATE (L), FULCRUM | | 112 | 3-019-456-01 | SCREW, STEP | |
| | | | | 113 | 3-019-452-01 | LEVER (LOCK L) | |
| 106 | X-3375-103-1 | HOLDER (R) ASSY, CASSETTE | | 114 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 107 | 3-019-455-01 | SPRING (R), LOADING | | | | | |
| 108 | 3-019-451-01 | PLATE (R), FULCRUM | | | | | |
| | | | | | | | |

7-4. FRONT PANEL SECTION

▲ A to ▲ G are including into the mounted panel board (Ref. No.163).

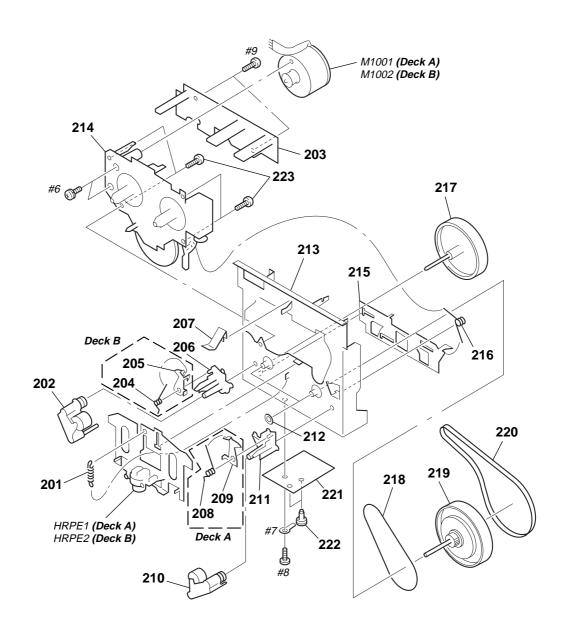
▲ A PANEL board

▲ C DIRECTION board



| Ref. No. | Part No. | Description | <u>Remark</u> | Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> |
|----------|--------------|-----------------------------------|---------------|----------|--------------|-------------------------------|---------------|
| 151 | X-3376-711-1 | PANEL ASSY, FRONT (EXCEPT US,CN | D) | 159 | 3-931-429-41 | BUTTON (POWER) | |
| 151 | X-3376-762-1 | PANEL ASSY, FRONT (US,CND) | | | | | |
| 152 | 3-021-239-01 | KNOB (REC) | | 160 | 3-380-952-21 | BUTTON | |
| 153 | 4-996-698-41 | EMBLEM, SONY | | 161 | 3-931-378-01 | KNOB (F10) | |
| 154 | 4-977-593-01 | RING (DIA. 50), ORNAMENTAL (EXCEP | T US,CND) | 162 | 1-769-950-11 | WIRE (FLAT TYPE)(11 CORE) | |
| | | | | * 163 | A-2007-812-A | PANEL BOARD, COMPLETE (EXCEPT | SP,MY) |
| * 155 | 4-978-398-21 | CUSHION | | * 163 | A-2007-816-A | PANEL BOARD, COMPLETE (SP,MY) | |
| 156 | 3-021-232-01 | BUTTON (COUNTER) | | | | | |
| 157 | 3-021-230-01 | BUTTON (FUNCTION) | | * 164 | 3-377-337-11 | HOLDER (FL) | |
| 158 | 3-931-241-21 | BUTTON (SYNCHRO) | | 165 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| | | | | FLT901 | 1-517-263-11 | INDICATOR TUBE, FLUORESCENT | |
| | | | | | | | |

7-5. TAPE MECHANISM SECTION (TCM-230ASR4/HSR4)



| Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> | Ref. No. | Part No. | Description | <u>Remark</u> |
|----------|--------------|---------------------------------|---------------|----------|--------------|--------------------------|----------------------|
| 201 | 3-016-574-11 | SPRING (HEAD), TENSION | | 216 | 3-016-575- | 11 SPRING, TORSION | |
| 202 | X-3374-156-1 | PINCH LEVER (REV) ASSY | | 217 | X-3376-933 | 3-1 FLYWHEEL (REV) ASS | 1 |
| * 203 | 1-668-628-11 | LEAF SW (REC/PB) BOARD (DECK A/ | B) | 218 | 3-024-405- | 01 BELT (FR2) | |
| 204 | 3-032-809-02 | SPRING (L), TORSION (DECK B) | | 219 | X-3376-932 | 2-1 FLYWHEEL (FWD) ASS | Υ |
| 205 | 3-016-572-01 | LEVER (EJECT PREVENTION L)(DECH | (B) | 220 | 3-016-570- | ·01 BELT (CAPSTAN) | |
| | | | | | | | |
| 206 | 3-016-565-01 | BASE (PINCH LEVER REV) | | * 221 | 1-668-635- | 11 HEAD RELAY (REC/PB) | BOARD (DECK A/B) |
| 207 | 3-016-567-01 | SPRING (CASSETTE), LEAF | | 222 | 3-036-914- | 01 RIVET, PUSH | |
| 208 | 3-032-810-02 | SPRING (R), TORSION (DECK A) | | 223 | 3-030-823- | 01 SCREW (+BVTT)(2X3.5 | 5) |
| 209 | 3-016-573-01 | LEVER (EJECT PREVENTION R)(DEC | K A) | HRPE | 1 A-2004-646 | 6-C DECK ASSY, HEAD (REC | CORD/PLAYBACK/ERASE) |
| 210 | X-3374-155-1 | PINCH LEVER (FWD) ASSY | | | | | (DECK A) |
| | | | | HRPE | 2 A-2004-646 | 6-C DECK ASSY, HEAD (REC | CORD/PLAYBACK/ERASE) |
| 211 | 3-016-564-01 | BASE (PINCH LEVER FWD) | | | | | (DECK B) |
| 212 | 3-019-208-01 | WASHER, STOPPER | | | | | |
| * 213 | X-3374-828-1 | CHASSIS ASSY, MECHANICAL | | M100 | 1 A-2004-644 | 4-A MOTOR ASSY, CAPSTA | N (DECK A) |
| 214 | A-2004-699-A | MECHANICAL BLOCK ASSY | | M100 | 2 A-2004-64 | 4-A MOTOR ASSY, CAPSTA | N (DECK B) |
| 215 | 3-016-566-01 | SLIDER, REVERSE | | | | | |

HEAD RELAY (REC/PB)

LEAF SW (REC/PB)

SECTION 8 ELECTRICAL PARTS LIST

MAIN

Note:

以阴影和 Δ 标志来识别的零部件,在安全方面具有关键性,因此只能以规定号码的零部件来更换,

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié. When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor

METAL OXIDE: Metal Oxide-film resistor

F: nonflammable

• SEMICONDUCTORS

In each case, u: μ , for example: uA...: μ A..., uPA...: μ PA..., uPB...: μ PB..., uPC...: μ PC...: μ PD...: μ PD...

• CAPACITORS

uF: μF
• COILS

uH : μ H
• Abbreviation

CND: Canadian model
SP: Singapore model
MY: Malaysia model
AUS: Australian model

CH : Chinese model

| Met. No. Part No. Description Hemark H | | | | | | | | | | | | |
|--|----------|-----------------|--------------------|-------------|-----------|---------------|----------|--------------|--------------------|----------|------|---------------|
| CN1001 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P | Ref. No. | <u>Part No.</u> | <u>Description</u> | | | <u>Remark</u> | Ref. No. | Part No. | <u>Description</u> | | | <u>Remark</u> |
| CONNECTOR CONN | * | 1-668-635-11 | , | , | | | | | | | | |
| CN1003 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P CN1003 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P C110 1-126-968-11 ELECT | | | ********* | ******* | ** | | | | | | | |
| CN1003 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P CN1003 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P | | | | | | | | | | | | |
| CN1003 1-564-722-11 PIN, CONNECTOR (SMALL TYPE) 6P | | | < CONNECTOR > | | | | | | | | | |
| C111 1-126-959-11 ELECT A-7uF 20% 50V | 0114000 | 4 504 700 44 | DIN COMMENTATO | . /O | VDE\ 0D | | C110 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C112 1-126-963-11 ELECT 4.7uF 20% 50V | CN 1003 | 1-564-722-11 | PIN, CONNECTOR | R (SWALL I | YPE) 6P | | C111 | 1 106 050 11 | EI ECT | 0 47uE | 200/ | 50\/ |
| * 1-668-628-11 LEAF SWITCH (REC/PB) BOARD | ******* | ******* | ****** | ****** | ****** | ****** | | | | | | |
| ************************************** | | | | | | | _ | | | | | |
| CN1001 1-568-444-11 SOKET, CONNECTOR 13P C116 1-126-959-11 ELECT 0.47uF 20% 50V C1001 1-568-444-11 SOKET, CONNECTOR 13P C116 1-126-959-11 ELECT 0.47uF 20% 50V C1001 1-162-289-31 CERAMIC 390PF 10% 50V C121 1-162-289-31 CERAMIC 0.001uF 10% 50V C122 1-162-289-31 CERAMIC 0.001uF 10% 50V C124 1-126-963-11 ELECT 4.7uF 20% 50V C125 1-162-289-31 CERAMIC 100PF 10% 50V C126 1-126-289-31 CERAMIC 100PF 10% 50V C126 1-1 | * | 1-668-628-11 | LEAF SWITCH (R | FC/PR) ROA | ARD | | | | | | | |
| CN1001 1-568-444-11 SOCKET, CONNECTOR 13P | | . 000 020 | ` | , | | | | | | | | |
| C100 C120 | | | | | | | | | | | | |
| C120 | CN1001 | 1-568-444-11 | SOCKET, CONNEC | CTOR 13P | | | C116 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C121 | | | | | | | C117 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| D1001 8-719-991-33 D10DE 1SS133T-77 | | | < DIODE > | | | | | | | | | |
| C C C C C C C C C C C C C | | | | | | | | | | | | |
| C124 | D1001 | 8-719-991-33 | DIODE 1SS133T | T-77 | | | C122 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C124 | | | 2 IC s | | | | C122 | 1 107 070 11 | EII M | 0.00011E | E0/ | 50\/ |
| IC1002 8-749-014-38 IC PHOTO INTERRUPTER SG-264 C125 1-162-289-31 CERAMIC GERAMIC GERAMI | | | < 10 > | | | | | | | | | |
| R1002 1-249-409-11 CARBON 220 5% 1/4W F C128 1-126-963-11 ELECT 4.7uF 20% 50V | IC1002 | 8_7/10_01/1_38 | IC PHOTO INTE | BRIIDTER S | G-264 | | | | | | | |
| RESISTOR C127 | 101002 | 0-745-014-50 | IG FIIOTO INTLI | INOF ILIN S | 00-204 | | | | | | | |
| R1002 1-249-409-11 CARBON 220 5% 1/4W F C128 1-126-963-11 ELECT 4.7uF 20% 50V R1003 1-249-414-11 CARBON 560 5% 1/4W F C131 1-162-288-31 CERAMIC 330PF 10% 50V R1004 1-247-834-11 CARBON 1.3K 5% 1/4W C132 1-107-609-11 CERAMIC 75PF 5% 500V R1005 1-247-818-91 CARBON 300 5% 1/4W C132 1-107-609-11 CERAMIC 75PF 5% 50V C134 1-102-973-00 CERAMIC 100PF 5% 50V C134 1-102-973-00 CERAMIC 100PF 5% 50V C134 1-102-973-00 CERAMIC 100PF 5% 50V C136 1-37-374-11 FILM 470PF 5% 50V C144 1-162-306-11 CERAMIC 330PF 10% 50V C144 1-162-306-11 CERAMIC 330PF 10% 50V C144 1-162-306-11 CERAMIC 330PF 10% 50V C144 1-102-973-00 CERAMIC 5% 50V C144 1-102-973-00 CERAMIC 5% 50V C144 1-102-973-00 CERAMIC 5% 50V C145 1-136-356-11 FILM 470PF 5% 50V C146 1-137-374-11 FILM 470PF 5% 50V C146 1-136-366-11 CERAMIC 50PF 10% 50V C | | | < RESISTOR > | | | | | | | | | |
| R1003 1-249-414-11 CARBON 560 5% 1/4W F C131 1-162-288-31 CERAMIC 75PF 5% 500V 75PF 75 75PF 75PF 75 75PF 75PF 75 75 75PF 75 75PF 75 75PF 75 75PF 75 75PF 75 75 75PF | | | (1120101011) | | | | 0.27 | 1 107 072 11 | | 0.02241 | 0 70 | 001 |
| R1004 1-247-834-11 CARBON 1.3K 5% 1/4W C132 1-107-609-11 CERAMIC 75PF 5% 50V C134 1-102-973-00 CERAMIC 100PF 5% 50V C135 1-136-356-11 FILM 470PF 5% 50V C136 1-137-374-11 FILM 10.047uF 5% 50V C136 1-137-374-11 FILM 10.047uF 5% 50V C136 1-137-374-11 FILM 10.047uF 5% 50V C137 1-161-494-00 CERAMIC 0.022uF 25V C141 1-162-288-31 CERAMIC 0.01uF 20% 16V C142 1-107-609-11 CERAMIC 0.01uF 20% 16V C204 1-126-963-11 FILM 0.047uF 5% 50V C147 1-162-308-11 FILM 0.047uF 5% 50V C148 1-162-306-11 FILM 0.047uF 5% 50V C148 1-137-374-11 FILM 0.047uF 5% 50V C148 1-137-374-11 FILM 0.047uF 5% 50V C148 1-162-306-11 CERAMIC 0.022uF 25V C148 1-162-306-11 CERAMIC 0.022uF 25V C148 1-162-306-11 CERAMIC 0.047uF 5% 50V C148 1-162-306-11 CERAMIC 0.0047uF 30% 16V C148 1-162-306-11 CERAMIC 0.0047uF 30% 16V C104 1-126-963-11 CERAMIC 0.0047uF 30% 16V C104 1-126-963-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 CERAMIC 0.0022uF 20% 50V C104 | R1002 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W F | C128 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| R1005 | R1003 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F | C131 | 1-162-288-31 | CERAMIC | 330PF | 10% | 50V |
| C134 | R1004 | 1-247-834-11 | CARBON | 1.3K | 5% | 1/4W | C132 | 1-107-609-11 | CERAMIC | 75PF | 5% | 500V |
| STOOL 1-570-953-11 SWITCH, PUSH (1 KEY)(PLAY SW) C135 | R1005 | 1-247-818-91 | CARBON | 300 | 5% | 1/4W | C133 | 1-137-433-11 | FILM | 0.0012uF | 5% | 50V |
| S1002 1-570-953-11 SWITCH, PUSH (1 KEY)(PLAY SW) C136 1-137-374-11 FILM D.047uF 5% 50V | | | | | | | C134 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V |
| S1002 1-570-953-11 SWITCH, PUSH (1 KEY)(PLAY SW) C136 1-137-374-11 FILM 0.047uF 5% 50V S1005 1-771-205-11 SWITCH, LEAF (REC PROOF (SIDE A)) C137 1-161-494-00 CERAMIC 0.022uF 25V S1006 1-771-333-11 SWITCH, LEAF (HALF DET) C138 1-162-306-11 CERAMIC 0.01uF 20% 16V S1007 1-771-205-11 SWITCH, LEAF (METAL DET) C141 1-162-288-31 CERAMIC 330PF 10% 50V S1008 1-771-205-11 SWITCH, LEAF (REC PROOF (SIDE B)) C142 1-107-609-11 CERAMIC 75PF 5% 50V S1009 1-771-205-11 SWITCH, LEAF (REC PROOF (SIDE B)) C143 1-137-433-11 FILM 0.0012uF 5% 50V C144 1-102-973-00 CERAMIC 100PF 5% 50V C145 1-136-356-11 FILM 0.047uF 5% 50V C146 1-137-374-11 FILM 0.047uF 5% 50V C146 1-137-374-11 FILM 0.047uF 5% 50V C146 1-137-374-11 FILM 0.047uF 5% 50V C146 1-162-306-11 CERAMIC 0.01uF 20% 16V C202 1-126-961-11 ELECT 2.2uF 20% 50V C203 1-162-306-11 CERAMIC 0.0047uF 30% 16V C104 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 50V C205 1-162-302-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 ELECT 4.7uF 20% 50V C206 1-126-963-11 ELECT | | | < SWITCH > | | | | | | | | | |
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c | 0 | | | | | | | | | | | |
| S1006 1-771-333-11 SWITCH, LEAF (HALF DET) C138 1-162-306-11 CERAMIC C141 CERAMIC C142 CERAMIC C142 CERAMIC C143 CERAMIC C144 CERAMIC C144 CERAMIC C145 CERAMIC C146 CERAMIC C146 CERAMIC C147 CERAMIC C147 CERAMIC C148 CERAMIC C148 CERAMIC C148 CERAMIC C149 | | | | | | | | | | | 5% | |
| \$1007 1-771-205-11 \$WITCH, LEAF (METAL DÉT) \$1008 1-771-205-11 \$WITCH, LEAF (Cr02 DET)\$ \$1009 1-771-205-11 \$WITCH, LEAF (REC PROOF (SIDE B))\$ \$1-137-433-11 FILM \$0.0012uF 5% 50V \$0V \$0V \$0V \$0V \$0V \$0V \$0V \$0V \$0V \$ | | | | | (SIDE A) |) | | | | | 000/ | |
| \$1008 | | | | | | | | | | | | |
| C142 | | | | | | | 0141 | 1-102-200-31 | GENAIVIIG | 33077 | 10% | 307 |
| \$\text{S1009} \text{ 1-771-205-11} \text{ SWITCH, LEAF (REC PROOF (SIDE B))} \text{ C143} \text{ 1-137-433-11} \text{ FILM} \text{ 0.0012uF} \text{ 5%} \text{ 50V} \text{ 50V} \text{ 50V} \text{ 1-136-356-11} \text{ FILM} \text{ 0.007-811-A} \text{ MAIN BOARD, COMPLETE} \text{ 8.4-2007-811-A} \text{ MAIN BOARD, COMPLETE} \text{ 1-161-494-00} \text{ C201} \text{ 1-162-306-11} \text{ CERAMIC} \text{ 0.01uF} \text{ 20%} \text{ 16V} \text{ 50V} \text{ C148} \text{ 1-162-306-11} \text{ CERAMIC} \text{ 0.01uF} \text{ 20%} \text{ 16V} \text{ 50V} \text{ C202} \text{ 1-126-961-11} \text{ ELECT} \text{ 2.2uF} \text{ 20%} \text{ 50V} \text{ C103} \text{ 1-162-600-11} \text{ CERAMIC} \text{ 0.0047uF} \text{ 30%} \text{ 16V} \text{ C204} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ C105} \text{ 1-162-302-11} \text{ CERAMIC} \text{ 0.0022uF} \text{ 20%} \text{ 50V} \text{ C205} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ C205} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} \text{ 50V} \text{ C206} \text{ 1-126-963-11} \text{ ELECT} \text{ 4.7uF} \text{ 20%} \text{ 50V} | 01000 | 1 771 200 11 | OWITOII, LEAF (C | 102 021) | | | C142 | 1-107-609-11 | CERAMIC | 75PF | 5% | 500V |
| ************************************** | S1009 | 1-771-205-11 | SWITCH, LEAF (F | REC PROOF | (SIDE B)) |) | - | | | | | |
| * A-2007-811-A MAIN BOARD, COMPLETE ************************* ********* | | | , , | | ` // | | C144 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V |
| * A-2007-811-A MAIN BOARD, COMPLETE ************************ C147 1-161-494-00 CERAMIC 0.022uF 25V C148 1-162-306-11 CERAMIC 0.01uF 20% 16V C201 1-162-284-31 CERAMIC 150PF 10% 50V C202 1-126-961-11 ELECT 2.2uF 20% 50V C102 1-126-961-11 ELECT 2.2uF 20% 50V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C104 1-126-963-11 ELECT 4.7uF 20% 50V C105 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V C207 1-126-963-11 ELECT 4.7uF 20% 50V C208 1-126-963-11 ELECT 4.7uF 20% 50V C209 1-126-963-11 ELECT 4.7uF 20% 50V | ****** | ******* | ****** | ***** | ****** | ***** | C145 | 1-136-356-11 | FILM | 470PF | 5% | 100V |
| C147 | | | | | | | C146 | 1-137-374-11 | FILM | 0.047uF | 5% | 50V |
| C148 1-162-306-11 CERAMIC 0.01uF 20% 16V C201 1-162-284-31 CERAMIC 150PF 10% 50V C202 1-126-961-11 ELECT 2.2uF 20% 50V C102 1-126-961-11 ELECT 2.2uF 20% 50V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V C206 1-126-963-11 | * | A-2007-811-A | , | | | | | | | | | |
| CAPACITOR > C201 1-162-284-31 CERAMIC 150PF 10% 50V C202 1-126-961-11 ELECT 2.2uF 20% 50V C101 1-162-284-31 CERAMIC 150PF 10% 50V C203 1-162-600-11 CERAMIC 0.0047uF 30% 16V C102 1-126-961-11 ELECT 2.2uF 20% 50V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V C | | | ********** | ***** | | | | | | | | |
| C202 1-126-961-11 ELECT 2.2uF 20% 50V C101 1-162-284-31 CERAMIC 150PF 10% 50V C203 1-162-600-11 CERAMIC 0.0047uF 30% 16V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C104 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V C206 1-126-963- | | | | | | | | | | | | |
| C101 1-162-284-31 CERAMIC 150PF 10% 50V C203 1-162-600-11 CERAMIC 0.0047uF 30% 16V C102 1-126-961-11 ELECT 2.2uF 20% 50V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V | | | < CAPACITOR > | | | | | | | | | |
| C102 1-126-961-11 ELECT 2.2uF 20% 50V C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C105 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V | 0101 | 1 100 004 01 | CEDAMIC | 1 E O D E | 100/ | E01/ | | | | | | |
| C103 1-162-600-11 CERAMIC 0.0047uF 30% 16V C204 1-126-963-11 ELECT 4.7uF 20% 50V C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V | | | | | | | 0203 | 1-102-000-11 | CERAIVIIL | U.UU4/UF | პ0% | 101 |
| C104 1-126-963-11 ELECT 4.7uF 20% 50V C205 1-162-302-11 CERAMIC 0.0022uF 20% 16V C105 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V | | | | | | | COUA | 1_126,062 11 | ELECT | / 7uE | 200/ | 50\/ |
| C105 1-162-302-11 CERAMIC 0.0022uF 20% 16V C206 1-126-963-11 ELECT 4.7uF 20% 50V | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 0207 1 120 001 11 EEE01 1001 2070 00V | 3100 | . 102 002 11 | 0210 0010 | J.552241 | _0 /0 | | | | | | | |
| | | | | | | | | | | | | |

| Def Ne | Davit Na | Description | | | Damani | l D. | -f N- | David Na | Description | | | Damasılı |
|----------|--------------|--------------------|----------------------|-----------|---------------|------------|---------|--------------|--------------------|--------------------|-------|---------------|
| Ref. No. | Part No. | <u>Description</u> | | | <u>Remark</u> | <u>K</u> 6 | ef. No. | Part No. | <u>Description</u> | | | <u>Remark</u> |
| C208 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V | | C442 | 1-136-173-00 | FILM | 0.47uF | 5% | 50V |
| | | | | | | | C443 | 1-130-299-00 | FILM | 0.012uF | 5% | 50V |
| C209 | | FILM | 0.068uF | 5% | 50V | | C444 | 1-137-436-11 | FILM | 0.0039uF | 5% | 50V |
| C210 | 1-126-964-11 | ELECT | 10uF | 20% | 50V | | C445 | 1-137-436-11 | FILM | 0.0039uF | 5% | 50V |
| C211 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V | | C446 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C212 | | ELECT | 4.7uF | 20% | 50V | | | | | | | |
| C213 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V | | C451 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| | | | | | | | C501 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C214 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V | | C502 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C215 | 1-137-436-11 | FILM | 0.0039uF | 5% | 50V | | C503 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C216 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V | | C505 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C217 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V | | | | | | | |
| C220 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V | | C506 | 1-130-497-00 | MYLAR | 0.15uF | 5% | 50V |
| | | | | | | | C507 | 1-136-173-00 | FILM | 0.47uF | 5% | 50V |
| C221 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V | | C508 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C222 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V | | C509 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C223 | 1-137-372-11 | FILM | 0.022uF | 5% | 50V | | C510 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C224 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V | | | | | | | |
| C225 | 1-162-289-31 | CERAMIC | 390PF | 10% | 50V | | C511 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| | | | | | | | C521 | 1-137-457-11 | FILM | 0.0027uF | 5% | 50V |
| C226 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V | | C522 | 1-130-494-11 | MYLAR | 0.082uF | 5% | 50V |
| C227 | 1-137-372-11 | FILM | 0.022uF | 5% | 50V | | C523 | 1-137-374-11 | FILM | 0.047uF | 5% | 50V |
| C228 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V | | C524 | 1-137-366-11 | FILM | 0.0022uF | 5% | 50V |
| C231 | | CERAMIC | 330PF | 10% | 50V | | | | | | | |
| C232 | | CERAMIC | 75PF | 5% | 500V | | C530 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| 0202 | | 02.0.00 | | 0,70 | | | C561 | 1-136-168-00 | FILM | 0.18uF | 5% | 50V |
| C233 | 1-137-433-11 | FILM | 0.0012uF | 5% | 50V | | C562 | 1-137-370-11 | FILM | 0.01uF | 5% | 50V |
| C234 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V | | C563 | 1-136-175-00 | FILM | 0.68uF | 5% | 50V |
| C235 | 1-136-356-11 | FILM | 470PF | 5% | 100V | | C601 | 1-164-159-11 | CERAMIC | 0.1uF | 0 70 | 50V |
| C236 | 1-137-374-11 | FILM | 0.047uF | 5% | 50V | | 0001 | 1 101 100 11 | OLI II III II | 0.101 | | 001 |
| C237 | | CERAMIC | 0.022uF | 0 70 | 25V | | C701 | 1-128-547-11 | ELECT | 6800uF | 20% | 16V |
| 0201 | 1 101 101 00 | OLIVIIVIO | 0.02241 | | 201 | | C702 | | | 4700uF | 20% | 16V |
| C238 | 1-162-306-11 | CERAMIC | 0.01uF | 20% | 16V | | C703 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C241 | | CERAMIC | 330PF | 10% | 50V | | C704 | | | 220uF | 20% | 50V |
| C242 | 1-107-609-11 | CERAMIC | 75PF | 5% | 500V | | C705 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C243 | 1-137-433-11 | FILM | 0.0012uF | 5% | 50V | | 0700 | 1-120-303-11 | LLLUI | 4.1 ui | 20 /0 | 30 V |
| C244 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V | | C706 | 1-126-926-11 | ELECT | 1000uF | 20% | 10V |
| 0244 | 1-102-373-00 | OLITAIVIIO | 10011 | J /0 | J0 V | | C707 | 1-126-926-11 | ELECT | 1000uF | 20% | 10V |
| C245 | 1-136-356-11 | FILM | 470PF | 5% | 100V | | C708 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C246 | | FILM | 0.047uF | 5% | 50V | | C710 | | | 470uF | 20% | 6.3V |
| C247 | | CERAMIC | 0.047 ui 0.022uF | J /0 | 25V | | C711 | 1-126-947-11 | | 47uF | 20% | 35V |
| C248 | 1-162-306-11 | | 0.022ui 0.01uF | 20% | 16V | | 0111 | 1-120-347-11 | LLLUI | 47 ui | 20 /0 | 00 V |
| C321 | 1-104-664-11 | | 47uF | 20% | 25V | | C801 | 1-104-665-11 | FLECT | 100uF | 20% | 10V |
| 0021 | 1-104-004-11 | LLLUI | 47 ui | 20 /0 | 201 | | C802 | 1-161-494-00 | | 0.022uF | 20 /0 | 25V |
| C322 | 1-104-664-11 | EL ECT | 47uF | 20% | 25V | | C803 | 1-126-959-11 | ELECT | 0.022ui 0.47uF | 20% | 50V |
| C331 | 1-104-664-11 | | 47uF | 20% | 16V | | C810 | 1-161-494-00 | | 0.47 ui 0.022uF | 20 /0 | 25V |
| C332 | | CERAMIC | 4PF | 0.25PF | | | C811 | 1-164-159-11 | CERAMIC | 0.022ui 0.1uF | | 50V |
| C333 | | ELECT | 22uF | 20% | 50V | | 0011 | 1-104-138-11 | GENAMIO | U. Tui | | J0 V |
| C334 | | ELECT | 0.47uF | 20% | 50V | | C830 | 1-161-494-00 | CEDAMIC | 0.022uF | | 25V |
| 0004 | 1-120-333-11 | LLLUI | 0.47 ui | 20 /0 | J0 V | | C831 | | | 0.022uF | | 25V |
| C341 | 1-136-293-11 | EII M | 0.0082uF | 5% | 100V | | C834 | 1-161-494-00 | | 0.022uF 0.022uF | | 25V |
| | | | 0.0062uF 0.47uF | 5 % 5% | 50V | | C836 | 1-161-494-00 | | | | |
| C342 | | FILM | | | | | 0000 | 1-101-494-00 | GENAIVIIG | 0.022uF | | 25V |
| C343 | 1-130-299-00 | | 0.012uF | 5% | 50V | | | | . CONNECTOR . | | | |
| C344 | 1-137-436-11 | | 0.0039uF 0.0039uF | 5% | 50V | | | | < CONNECTOR > | | | |
| C345 | 1-137-436-11 | FILIVI | 0.0039uF | 5% | 50V | | ONIO04 | 1 001 770 11 | DLUC (MICDO CO | MINICATOD) | 0.0 | |
| 00.40 | 1 100 004 11 | EL EOT | 40F | 000/ | F0\/ | | CN301 | 1-691-770-11 | PLUG (MICRO CO | | 0P | |
| C346 | 1-126-964-11 | | 10uF | 20% | 50V | | CN311 | 1-784-774-11 | CONNECTOR, FFC | | O.D. | |
| C351 | 1-126-964-11 | | 10uF | 20% | 50V | | CN401 | 1-691-770-11 | | | 82 | |
| C417 | 1-126-959-11 | | 0.47uF | 20% | 50V | ١. | CN411 | 1-784-774-11 | CONNECTOR, FFC | | | |
| C421 | 1-104-664-11 | | 47uF | 20% | 25V | * | CN803 | 1-568-934-11 | PIN, CONNECTOR | 1 /P | | |
| C422 | 1-104-664-11 | ELECT | 47uF | 20% | 25V | | 01100= | 4 500 051 11 | DIN CONNECTS | | | |
| 0.45 | | FLEAT | 47 5 | 0001 | 4014 | * | CN807 | 1-568-954-11 | PIN, CONNECTOR | | | |
| C431 | 1-104-664-11 | | 47uF | 20% | 16V | | | 1-506-468-11 | PIN, CONNECTOR | | 7D | |
| C432 | 1-107-584-11 | | 4PF | 0.25PF | 500V | | | 1-691-769-11 | PLUG (MICRO CO | | /P | |
| C433 | 1-126-965-11 | | 22uF | 20% | 50V | | UNS802 | 1-568-830-11 | CONNECTOR, FFC | 111 | | |
| C434 | 1-126-959-11 | | 0.47uF | 20% | 50V | | | | | | | |
| C441 | 1-136-293-11 | FILIVI | 0.0082uF | 5% | 100V | | | | | | | |
| | | | | | | 1 | | | | | | |

| Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | | <u>Remark</u> |
|----------------|------------------------------|------------------------------------|-----------|--------------|------------------------------|-----------------------|-------------|---------------|
| | | < DIODE > | | | | < FILTER > | | |
| D306 D307 | 8-719-911-19 | DIODE 1SS119-25 DIODE 1SS119-25 | | | 1-233-271-11 1-233-271-11 | | | |
| D318 D351 | | DIODE 1SS119-25 DIODE 1SS119-25 | | | | < TRANSISTOR | R > | |
| D451 | | DIODE 1SS119-25 | | _ | | | | |
| DE01 | 0 710 011 10 | DIODE 1SS119-25 | | Q101 Q102 | | TRANSISTOR | | |
| D521 D522 | | DIODE 188119-25 | | Q102 | | TRANSISTOR TRANSISTOR | | |
| D601 | | DIODE 1SS119-25 | | Q104 | | TRANSISTOR | | |
| D701 | | DIODE 11ES2-NTA2B | | Q201 | 8-729-029-94 | TRANSISTOR | DTC143TSA | |
| D702 | 8-719-024-99 | DIODE 11ES2-NTA2B | | 0000 | 0 700 140 05 | TRANSISTOR | 00D4000 UEF | |
| D703 | 8-719-024-99 | DIODE 11ES2-NTA2B | | Q202 Q203 | | TRANSISTOR | | |
| D704 | | DIODE 11ES2-NTA2B | | Q204 | | TRANSISTOR | | |
| D705 | | DIODE 1SS119-25 | | Q301 | | TRANSISTOR | | |
| D706 | | DIODE 1SS119-25 | | Q302 | 8-729-801-93 | TRANSISTOR | 2SD1387 | |
| D707 | 8-719-024-99 | DIODE 11ES2-NTA2B | | Q303 | 8_720_030_02 | TRANSISTOR | DTC1//ESA | |
| D708 | 8-719-911-19 | DIODE 1SS119-25 | | Q306 | | TRANSISTOR | | |
| D709 | | DIODE HZS6A1L | | Q307 | | TRANSISTOR | | |
| D710 | | DIODE HZS6A3L | | Q308 | | TRANSISTOR | | |
| D711 | | DIODE HZS6A1L | | Q311 | 8-729-801-84 | TRANSISTOR | 2SB1013-4 | |
| D712 | 8-719-933-35 | DIODE HZS6A3L | | Q312 | 8-729-801-93 | TRANSISTOR | 2SD1387 | |
| D713 | 8-719-911-19 | DIODE 1SS119-25 | | Q314 | | TRANSISTOR | | |
| D714 | | DIODE 1SS119-25 | | Q316 | 8-729-029-56 | TRANSISTOR | DTA144ESA | |
| D715 | | DIODE 1SS119-25 | | Q317 | | TRANSISTOR | | |
| D716 | | DIODE HZS7A2LTA | | Q318 | 8-729-029-56 | TRANSISTOR | DTA144ESA | |
| D801 | 8-719-911-19 | DIODE 1SS119-25 | | Q341 | 8-729-119-76 | TRANSISTOR | 2SA1175-HFF | |
| | | < IC > | | Q342 | | TRANSISTOR | | |
| | | | | Q343 | 8-729-194-57 | TRANSISTOR | 2SC945-P | |
| IC321 | | IC NJM4580D-D | | Q351 | | TRANSISTOR | | |
| IC331 IC421 | | IC UPC1297CA IC NJM4580D-D | | Q371 | 8-729-140-04 | TRANSISTOR | 2SB1116A-L | |
| 10421 10431 | | IC UPC1297CA | | Q373 | 8-729-030-02 | TRANSISTOR | DTC144FSA | |
| IC501 | | IC CXA1878Q | | Q401 | | TRANSISTOR | | |
| | | | | Q402 | | TRANSISTOR | | |
| IC502 | 8-759-634-50 | | | Q403 | | TRANSISTOR | | |
| IC504 IC561 | 8-752-070-67 8-759-634-50 | IC CXA1597P | | Q411 | 8-729-801-84 | TRANSISTOR | 2SB1013-4 | |
| IC701 | | IC M5218AP | | Q412 | 8-729-801-93 | TRANSISTOR | 2SD1387 | |
| IC801 | | IC CXP82432A-007Q | | Q414 | | TRANSISTOR | | |
| | | | | Q417 | | TRANSISTOR | | |
| IC802 | | IC PST600E-T | | Q441 | | TRANSISTOR | | |
| IC803 IC804 | | IC SN74HC04AN IC MC14052BCP | | Q442 | 8-729-194-57 | TRANSISTOR | 250945-P | |
| IC805 | | IC SN74HC04AN | | Q443 | 8-729-194-57 | TRANSISTOR | 2SC945-P | |
| IC806 | 8-759-000-48 | IC MC14052BCP | | Q451 | 8-729-119-76 | TRANSISTOR | 2SA1175-HFE | |
| | | | | Q471 | | TRANSISTOR | | |
| | | < JACK > | | Q473 | | TRANSISTOR | | |
| J501 | 1-770-614-11 | JACK, PIN 4P (LINE IN/OUT) | | Q501 | 0-729-119-70 | TRANSISTOR | 25A11/5-HFE | |
| * J601 | | JACK (SMALL TYPE) (DIA. 3.5) | | Q502 | 8-729-620-05 | TRANSISTOR | 2SC2603-EF | |
| | | (S-LINK CON | NTROL A1) | Q503 | | TRANSISTOR | | |
| * J602 | 1-764-188-11 | JACK (SMALL TYPE) (DIA. 3.5) | ITDOL A4) | Q505 | | TRANSISTOR | | |
| | | (S-LINK CON | TIRUL A1) | Q506 Q601 | | TRANSISTOR TRANSISTOR | | |
| | | < COIL > | | 4001 | 0 1 20-020-00 | HUNDIOION | 2002000-FI | |
| | | | | Q701 | | TRANSISTOR | | |
| L131 | 1-410-780-11 | | | Q702 | | TRANSISTOR | | |
| L141 | 1-410-780-11 | | | Q703 | | TRANSISTOR | | |
| L231 L241 | 1-410-780-11 1-410-780-11 | | | Q704 Q707 | | TRANSISTOR TRANSISTOR | | |
| | | So.on Ermil | | 3,5, | 3.20 110 10 | | | |
| | | | | Q708 | 8-729-140-04 | TRANSISTOR | 2SB1116A-L | |
| | | | | ı | | | | |

| Ref. No. | Part No. | <u>Description</u> | | | Remark | Ref. No. | Part No. | <u>Description</u> | | | Rema | <u>rk</u> |
|----------------|--------------|--------------------|-----------|----|--------|----------------|---------------|--------------------|------|-------------|--------------------|-----------|
| Q801 | 8-729-029-66 | TRANSISTOR I | OTC114ESA | | | R212 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| | | | | | | | | | | | | |
| | | < RESISTOR > | | | | R213 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W | |
| | | | | | | R214 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W | |
| R101 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R215 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | |
| R102 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W | R216 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W | |
| R103 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | R217 | 1-249-429-11 | | 10K | 5% | 1/4W | |
| | | | | | | 11217 | 1-243-423-11 | CANDON | IUN | J /0 | 1/ 4 VV | |
| R104 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F | D040 | 1 0 10 100 11 | 0.4.0.0.0.1 | 000 | 5 0/ | 4 / 45 4 / | _ |
| R105 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W | R218 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W | |
| | | | | | | R219 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | F |
| R106 | 1-247-842-11 | CARBON | 3K | 5% | 1/4W | R220 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W | |
| R107 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R221 | 1-247-881-00 | | 120K | 5% | 1/4W | |
| R108 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F | R222 | 1-247-807-31 | | 100 | 5% | 1/4W | |
| | | | | | | 11222 | 1-247-007-31 | CANDON | 100 | J /0 | 1/4 VV | |
| R109 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | | | | |
| R110 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R223 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W | |
| | | | | | | R224 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W | |
| R111 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W | R225 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W | |
| R112 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | R226 | 1-249-421-11 | | 2.2K | 5% | 1/4W | F |
| R113 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W | R227 | 1-249-430-11 | | 12K | 5% | 1/4W | • |
| | | | | | | 11221 | 1-243-430-11 | CANDON | 1211 | J /0 | 1/ 4 VV | |
| R114 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W | | | | | | | _ |
| R115 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | R228 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| | | | | | | R229 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | F |
| R116 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W | R230 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W | |
| R117 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R231 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | |
| R118 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W F | R232 | 1-247-883-00 | | 150K | 5% | 1/4W | |
| | | | | | | NZJZ | 1-247-003-00 | CANDUN | 130K | J /0 | 1/4 VV | |
| R119 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | | | | | | | _ |
| R120 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W | △ R233 | 1-219-153-11 | | 10 | 5% | 1/4W | F |
| | | | | | | R234 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W | |
| R121 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W | R235 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | |
| R122 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | R241 | 1-249-430-11 | | 12K | 5% | 1/4W | |
| | | | | | | | | | | | | |
| R123 | 1-247-882-11 | CARBON | 130K | 5% | 1/4W | R242 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W | |
| R124 | 1-247-850-11 | CARBON | 6.2K | 5% | 1/4W | | | | | | | |
| R125 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W | ⚠ R243 | 1-219-153-11 | FUSIBLE | 10 | 5% | 1/4W | F |
| | | | | | | R244 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W | |
| R126 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F | R245 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | |
| R127 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | R251 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | |
| | | | | | | | | | | | | |
| R128 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R252 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | |
| R129 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F | | | | | | | |
| R130 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W | R253 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W | F |
| | | | | | | R301 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | |
| R131 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | R302 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W | F |
| R132 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W | R303 | 1-249-437-11 | | 47K | 5% | 1/4W | • |
| A R133 | 1-219-153-11 | | 10 | 5% | | R304 | 1-249-419-11 | | 1.5K | 5% | 1/4W | Е |
| | | | | | 1/4W F | N304 | 1-249-419-11 | CANDUN | 76.1 | 370 | 1/4 VV | Г |
| R134 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W | | | | | | | |
| R135 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | R306 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | |
| | | | | | | R309 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | |
| R141 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | R311 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | |
| R142 | 1-247-883-00 | | 150K | 5% | 1/4W | R312 | 1-249-419-11 | | 1.5K | 5% | 1/4W | F |
| △ R143 | | | 10 | 5% | 1/4W F | | | | 560 | | | |
| | 1-219-153-11 | | | | | R313 | 1-249-414-11 | OMITOUN | 300 | 5% | 1/4W | Г |
| R144 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W | | | | | | | |
| R145 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | R314 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | |
| | | | | | | R316 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W | |
| R151 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | R317 | 1-247-862-11 | CARBON | 20K | 5% | 1/4W | |
| R152 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | R318 | 1-249-426-11 | | 5.6K | 5% | 1/4W | |
| | | | | | | | | | | | | |
| R153 | 1-249-427-11 | | 6.8K | 5% | 1/4W F | R341 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R201 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | | | | |
| R202 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W | R342 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| | | | | | | R343 | 1-249-390-11 | CARBON | 5.6 | 5% | 1/4W | F |
| R203 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | R344 | 1-249-390-11 | | 5.6 | 5% | 1/4W | |
| | | | | | | | | | | | | ' |
| R204 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F | R345 | 1-249-440-11 | | 82K | 5% | 1/4W | |
| R205 | 1-247-843-11 | | 3.3K | 5% | 1/4W | R346 | 1-249-440-11 | CARRON | 82K | 5% | 1/4W | |
| R206 | 1-247-842-11 | CARBON | 3K | 5% | 1/4W | | | | | | | |
| R207 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R351 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| - | | | | | | R352 | 1-249-425-11 | | 4.7K | 5% | 1/4W | F |
| R208 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F | R361 | 1-247-876-11 | | 75K | 5% | 1/4W | • |
| | | | | | | | | | | | | г |
| R209 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R362 | 1-249-417-11 | | 1K | 5% | 1/4W | |
| R210 | 1-249-425-11 | | 4.7K | 5% | 1/4W F | R363 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | F |
| R211 | 1-247-881-00 | CARBON | 120K | 5% | 1/4W | | | | | | | |
| | | | | | | | | | | | | |

以阴影和 Δ 标志来识别的零部件,在安全方面具有关键性,因此只能以规定号码的零部件来更换。

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

| Ref. No. | Part No. | <u>Description</u> | | | <u>Remark</u> | Ref. No. | Part No. | Description | | | <u>Remar</u> | <u>'k</u> |
|----------|---------------|--------------------|-------|-------|---------------|----------------|----------------|-------------|-------|------|--------------|-----------|
| R364 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R571 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W | F |
| R371 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R572 | 1-249-426-11 | | 5.6K | 5% | 1/4W | |
| R372 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R573 | 1-249-427-11 | | 6.8K | 5% | 1/4W | F |
| R401 | 1-249-437-11 | | 47K | 5% | 1/4W | | | | | | | |
| R402 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W F | R575 | 1-247-852-11 | CARBON | 7.5K | 5% | 1/4W | |
| | | 0, 2011 | | 0,0 | ., | R576 | 1-249-430-11 | | 12K | 5% | 1/4W | |
| R403 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | R577 | 1-249-428-11 | | 8.2K | 5% | 1/4W | F |
| R404 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W F | R578 | 1-249-428-11 | | 8.2K | 5% | 1/4W | |
| R411 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | R579 | 1-249-426-11 | | 5.6K | 5% | 1/4W | · |
| R412 | | | 1.5K | 5% | 1/4W F | | | 0,11,20,1 | 0.0 | 0,0 | ., | |
| R413 | 1-249-414-11 | | 560 | 5% | 1/4W F | R580 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W | F |
| | | 0, 2011 | | 0,0 | ., | R581 | 1-249-425-11 | | 4.7K | 5% | 1/4W | F |
| R414 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | R582 | 1-249-425-11 | | 4.7K | 5% | 1/4W | |
| R416 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W | R583 | 1-247-852-11 | | 7.5K | 5% | 1/4W | · |
| R417 | 1-247-862-11 | CARBON | 20K | 5% | 1/4W | R584 | 1-249-430-11 | | 12K | 5% | 1/4W | |
| R441 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | 0,11,20,1 | | 0,0 | ., | |
| R442 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R585 | 1-249-428-11 | CARBON | 8.2K | 5% | 1/4W | F |
| | 1 2 10 120 11 | 071112011 | 1010 | 0 70 | ., | R586 | 1-249-428-11 | | 8.2K | 5% | 1/4W | |
| R443 | 1-249-390-11 | CARBON | 5.6 | 5% | 1/4W F | R587 | 1-249-422-11 | | 2.7K | 5% | 1/4W | |
| R444 | 1-249-390-11 | CARBON | 5.6 | 5% | 1/4W F | R588 | 1-249-426-11 | | 5.6K | 5% | 1/4W | |
| R445 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W | R601 | 1-249-429-11 | | 10K | 5% | 1/4W | |
| R446 | 1-249-440-11 | CARBON | 82K | 5% | 1/4W | | | 0,11,20,1 | | 0,0 | ., | |
| R451 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R602 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | F |
| 11101 | 1 2 10 120 11 | ONTEON | 1010 | 0 70 | 1/ 100 | R603 | 1-249-425-11 | | 4.7K | 5% | 1/4W | |
| R452 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R604 | 1-249-429-11 | | 10K | 5% | 1/4W | • |
| R461 | 1-247-876-11 | CARBON | 75K | 5% | 1/4W | R605 | 1-249-393-11 | | 10 | 5% | 1/4W | F |
| R462 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R701 | 1-249-414-11 | | 560 | 5% | 1/4W | |
| R463 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | 11701 | 1 2 10 111 11 | ONTEON | 000 | 0 70 | 1/ 100 | • |
| R464 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R703 | 1-247-843-11 | CARBON | 3.3K | 5% | 1/4W | |
| 11101 | 1 2 10 120 11 | ONTEON | 1.710 | 0 70 | 1/100 | R704 | 1-249-425-11 | | 4.7K | 5% | 1/4W | F |
| R471 | 1-249-417-11 | CARRON | 1K | 5% | 1/4W F | R705 | 1-249-427-11 | | 6.8K | 5% | 1/4W | |
| R472 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R706 | 1-249-419-11 | | 1.5K | 5% | 1/4W | |
| R501 | 1-215-455-00 | METAL | 27K | 1% | 1/4W | R707 | 1-247-854-11 | | 9.1K | 5% | 1/4W | ' |
| R502 | 1-215-452-00 | METAL | 20K | 1% | 1/4W | 11707 | 1 2 17 00 1 11 | ONTEON | 0.110 | 0 /0 | 1/ 100 | |
| R503 | 1-249-417-11 | | 1K | 5% | 1/4W F | R708 | 1-249-419-11 | CARRON | 1.5K | 5% | 1/4W | F |
| 11000 | 1 2 10 117 11 | ONTEON | 110 | 0 70 | 1/100 | R709 | 1-249-425-11 | | 4.7K | 5% | | F |
| R504 | 1-249-422-11 | CARRON | 2.7K | 5% | 1/4W F | R710 | 1-249-417-11 | | 1K | 5% | 1/4W | |
| R505 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W | R711 | 1-249-427-11 | | 6.8K | 5% | 1/4W | |
| R506 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R712 | 1-249-427-11 | | 6.8K | 5% | 1/4W | |
| R507 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | 1 2 10 127 11 | 0/11/2014 | 0.010 | 0 70 | 1, 100 | • |
| R508 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F | R713 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | F |
| 11000 | 1 2 10 110 11 | 071112011 | 110 | 0 70 | ., | R714 | 1-249-429-11 | | 10K | 5% | 1/4W | • |
| R509 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W F | R715 | 1-249-422-11 | | 2.7K | 5% | 1/4W | F |
| R510 | 1-249-437-11 | | 47K | 5% | 1/4W | R716 | 1-249-433-11 | | 22K | 5% | 1/4W | |
| R511 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R717 | 1-249-421-11 | | 2.2K | 5% | 1/4W | F |
| R512 | 1-249-413-11 | | 470 | 5% | 1/4W F | | | 0,11,20,1 | | 0,0 | ., | |
| R513 | 1-249-437-11 | | 47K | 5% | 1/4W | R718 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| | | | | | | R719 | 1-249-430-11 | | 12K | 5% | 1/4W | |
| R514 | 1-249-401-11 | CARBON | 47 | 5% | 1/4W F | △ R720 | 1-219-136-11 | | 0.22 | 10% | 1/4W | |
| R515 | 1-215-455-00 | METAL | 27K | 1% | 1/4W | ≜ R722 | 1-219-137-11 | | 0.33 | 10% | 1/4W | |
| R521 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | ≜ R723 | 1-219-137-11 | | 0.33 | 10% | 1/4W | |
| R522 | 1-249-426-11 | | 5.6K | 5% | 1/4W | | | | | | | |
| R523 | 1-249-436-11 | CARBON | 39K | 5% | 1/4W | R801 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | F |
| | | 0, 2011 | 0011 | 0,0 | ., | R803 | 1-249-429-11 | | 10K | 5% | 1/4W | · |
| R524 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R804 | 1-249-429-11 | | 10K | 5% | 1/4W | |
| R525 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W F | R805 | 1-247-807-31 | | 100 | 5% | 1/4W | |
| R526 | 1-249-441-11 | | 100K | 5% | 1/4W | R806 | 1-249-433-11 | | 22K | 5% | 1/4W | |
| R527 | 1-249-441-11 | | 100K | 5% | 1/4W | | | 0,11,20,1 | | 0,0 | ., | |
| R528 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W F | R807 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| | | * · · | | - / - | | R808 | 1-249-441-11 | | 100K | 5% | 1/4W | |
| R529 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F | R809 | 1-249-417-11 | | 1K | 5% | 1/4W | F |
| R530 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | R810 | 1-247-807-31 | | 100 | 5% | 1/4W | • |
| R561 | 1-249-437-11 | | 47K | 5% | 1/4W | R811 | 1-249-429-11 | | 10K | 5% | 1/4W | |
| R562 | 1-249-437-11 | | 47K | 5% | 1/4W | | . 2.0 120 11 | | . • | 2,0 | ., | |
| R563 | 1-249-437-11 | | 47K | 5% | 1/4W | R812 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| .1000 | 0 .07 11 | | | J / U | ., | R813 | 1-247-807-31 | | 100 | 5% | 1/4W | |
| R564 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | R830 | 1-247-807-31 | | 100 | 5% | 1/4W | |
| R565 | 1-249-429-11 | | 10K | 5% | 1/4W | R831 | 1-249-431-11 | | 15K | 5% | 1/4W | |
| | | | | | | | | | | | | |

| RЛ | ΔΙ | N |
|-----|----------|-----|
| IAI | \sim 1 | 1.4 |

PANEL

| Ref. No. | Part No. | <u>Description</u> | | | <u>Remark</u> | 1 | <u>Ref. No.</u> | Part No. | <u>Description</u> | | | <u>Remark</u> |
|----------------|---------------|----------------------------------|----------|-------|---------------|----|-----------------|---------------------------------------|----------------------------------|---------------------|-------------|---------------------------|
| R832 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | < TRANSFORMER | ? > | | |
| R833 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W F | | T131 | 1-433-381-11 | TRANSFORMER, | BIAS OSCIL | LATOR | |
| R834 | 1-247-852-11 | CARBON | 7.5K | 5% | 1/4W | | T141 | 1-433-381-11 | TRANSFORMER, | BIAS OSCIL | _LATOR | |
| R835 | 1-247-866-11 | CARBON | 30K | 5% | 1/4W | | T231 | 1-433-381-11 | TRANSFORMER, | BIAS OSCIL | _LATOR | |
| R836 | 1-247-874-11 | | 62K | 5% | 1/4W | | T241 | | TRANSFORMER, | | | |
| R837 | 1-249-434-11 | | 27K | 5% | 1/4W | | T341 | | TRANSFORMER, | | | (105kHz) |
| | | | | | 17 100 | | 1011 | | | | | , |
| R838 | 1-249-434-11 | | 27K | 5% | 1/4W | | T441 | 1-429-222-11 | TRANSFORMER, | BIAS OSCIL | LATION | (105kHz) |
| R839 | 1-249-434-11 | | 27K | 5% | 1/4W | | | | | | | |
| R840 | 1-249-434-11 | | 27K | 5% | 1/4W | | | | < TEST PIN > | | | |
| R841 | 1-249-429-11 | | 10K | 5% | 1/4W | | | | | | | |
| R842 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | TP331 TP441 | 1-766-276-11 1-766-276-11 | PIN, CONNECTOR PIN, CONNECTOR | | | |
| R843 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | 11 441 | 1-700-270-11 | i iiv, oolvivloroi | וואטם ט ו) ו | (D) 31 | |
| R844 | 1-249-429-11 | | 10K | 5% | 1/4W | | | | < VIBRATOR > | | | |
| R845 | 1-249-431-11 | | 15K | 5% | 1/4W | | | | | | | |
| R846 | 1-249-429-11 | | 10K | 5% | 1/4W | | X801 | 1 570 175 11 | VIBRATOR, CERA | MIC (10ML | 1-/ | |
| | | | | | | | YOUT | 1-3/9-1/3-11 | VIDNATUN, GENA | INITO (TOINIT | 12) | |
| R847 | 1-247-864-11 | CARBON | 24K | 5% | 1/4W | | **** | · · · · · · · · · · · · · · · · · · · | ****** | *** | *** | b ab ab ab ab ab ab ab ab |
| DOEO | 1-249-421-11 | CADDON | 0.01/ | E0/ | 1/4W F | " | | | | 4-4-4-4-4-4-4-4-4-4 | | 111111111. |
| R853 | | | 2.2K | 5% | | ١. | | | DANEL BOARD O | OLADI ETE | (E)(OEDT | 00100 |
| R854 | 1-247-852-11 | | 7.5K | 5% | 1/4W | * | : | A-2007-812-A | PANEL BOARD, C | | (EXCEPT | SP,MY) |
| R855 | 1-247-866-11 | | 30K | 5% | 1/4W | | | | ****** | ****** | | |
| R856 | 1-247-874-11 | CARBON | 62K | 5% | 1/4W | | | | | | | |
| R857 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | * | : | A-2007-816-A | PANEL BOARD, C | | (SP,MY) | |
| DOCO | 1 040 404 11 | OADDON | 071/ | F0/ | 4 / 4\ A \ | | | (TDANC (A) TI | | | אירם פו | -0./01 |
| R858 | 1-249-434-11 | | 27K | 5% | 1/4W | | | | RANS (B), DIRECTI | UN, H.P, PC | JWER, RI | CVUL |
| R859 | 1-249-434-11 | | 27K | 5% | 1/4W | | | BOARD are inc | luaea.) | | | |
| R860 | 1-249-434-11 | | 27K | 5% | 1/4W | | | | | | | |
| R861 | 1-249-434-11 | | 27K | 5% | 1/4W | * | : | 3-377-337-11 | HOLDER (FL) | | | |
| R863 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | | | | |
| | | | | | | | | | < CAPACITOR > | | | |
| R864 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | | | | |
| R865 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | C001 | 1-113-925-11 | CERAMIC | 0.01uF | 20% | 250V |
| R866 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | C517 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| R867 | 1-247-864-11 | CARBON | 24K | 5% | 1/4W | | C518 | 1-162-294-31 | CERAMIC | 0.001uF | 10% | 50V |
| R868 | 1-249-429-11 | | 10K | 5% | 1/4W | | C751 | 1-164-159-11 | | 0.1uF | | 50V |
| 11000 | 1 2 10 120 11 | O/ II IDON | 1011 | 0 / 0 | 1, 100 | | C752 | 1-137-374-11 | | 0.047uF | 5% | 50V |
| | | < VARIABLE RES | SISTOR > | | | | 0732 | 1-107-07-11 | I ILIVI | 0.047 ui | J /0 | 30 V |
| | | | | | | | C753 | 1-137-374-11 | FILM | 0.047uF | 5% | 50V |
| RV101 | 1-241-765-11 | RES, ADJ, CARB | ON 22K | | | | C901 | 1-104-665-11 | FLECT | 100uF | 20% | 10V |
| | | RES, ADJ, CARB | | | | | C902 | 1-161-494-00 | | 0.022uF | 2070 | 25V |
| | | RES, ADJ, CARB | | | | | C903 | 1-162-207-31 | | 22PF | 5% | 50V |
| | | | | | | | | | | | | |
| RV121 RV131 | | RES, ADJ, CARB RES, ADJ, CARB | | | | | C904 | 1-126-160-11 | ELEUI | 1uF | 20% | 50V |
| 111111 | 1-241-705-11 | ILO, ADO, CAILD | ON ZZK | | | | | | < CONNECTOR > | | | |
| RV141 | 1-241-765-11 | RES, ADJ, CARB | ON 22K | | | | | | | | | |
| RV201 | | RES, ADJ, CARB | | | | * | CN001 | 1-580-230-31 | PIN, CONNECTOR | R (PC BOAR | D) 2P (S | P.MY) |
| | | RES, ADJ, CARB | | | | 1 | CN002 | | PIN, CONNECTOR | ` | , , | . , |
| | | RES, ADJ, CARB | | | | | | 1-784-733-11 | | | 1 01,1011 | , |
| RV211 | | , , | | | | | CN901 | 1-704-733-11 | CONNECTOR, FFO | , 117 | | |
| RV221 | 1-241-704-11 | RES, ADJ, CARB | ON TOK | | | | | | < DIODE > | | | |
| RV231 | 1-241-765-11 | RES, ADJ, CARB | UN 55K | | | | | | < DIODE > | | | |
| RV241 | | RES, ADJ, CARB | | | | | D001 | 0 710 212 42 | DIODE SEL6210 | C TU10 /C\ | /NICHDO) | |
| | | , , | | | | | D901 | | | | | |
| | | RES, ADJ, CARB | | | | | D902 | | DIODE SEL6210 | | 110) | |
| RV317 | | RES, ADJ, CARB | | | | | D904 | | DIODE 1SS119- | | | |
| RV318 | 1-241-764-11 | RES, ADJ, CARB | ON 10K | | | | D905 | | DIODE 1SS119- | | | |
| | | | | | | | D906 | 8-719-911-19 | DIODE 1SS119- | 25 | | |
| RV416 | | RES, ADJ, CARB | | | | | | | | | | |
| RV417 | 1-241-765-11 | RES, ADJ, CARB | ON 22K | | | | D907 | 8-719-911-19 | DIODE 1SS119- | 25 | | |
| | | • | | | | | D908 | 8-719-911-19 | DIODE 1SS119- | 25 | | |
| | | < RELAY > | | | | | - | _ | | | | |
| | | | | | | | | | < FLUORESCENT | INDICATOR | ? > | |
| RY351 | 1-755-061-11 | RELAY | | | | | | | | | | |
| RY451 | 1-755-061-11 | RELAY | | | | | FLT901 | 1-517-263-11 | INDICATOR TUBE | , FLUORES | CENT | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

PANEL

| Ref. No. | Part No. | <u>Description</u> < IC > | | | <u>Remark</u> | Ref. No. | Part No. | Description Rem < VARIABLE RESISTOR > | <u>ark</u> |
|----------------|------------------------------|------------------------------|--------------|-------------|----------------------|---------------------|------------------------------|--|----------------|
| | | (10) | | | | | | VARIABLE REGIOTORY | |
| IC901 IC902 | 8-749-014-66 8-759-547-59 | IC NJL56H400 IC M35500BGF | | | | RV901 RV902 | 1-225-707-11 1-225-619-11 | -, , | |
| | | < JACK > | | | | | | < SWITCH > | |
| J502 | 1-568-519-41 | JACK, LARGE T | YPE (PHONE | S) | | S850 | | SWITCH, AC POWER PUSH (1 KEY)(①) | |
| | | < TRANSISTOR | > | | | S911 S912 | | SWITCH, KEYBOARD (☐ (CLEAR)(A DECK) SWITCH, KEYBOARD (■ (A DECK)) |) |
| Q901 | 8-729-029-94 | TRANSISTOR | DTC143TSA | | | S913 S914 | | SWITCH, KEYBOARD (▷ (FRONT)(A DECK SWITCH, KEYBOARD (▷ (BACK)(A DECK) | |
| | | < RESISTOR > | | | | S915 S916 | | SWITCH, KEYBOARD (REC MUTING (A DEC SWITCH, KEYBOARD (<> (AMS)(B DECK) | |
| R824 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | S917 | 1-762-875-21 | SWITCH, KEYBOARD (▷▷ (AMS)(B DECK) | |
| R901 | 1-249-413-11 | CARBON | 470 | 5% | (SP,MY) 1/4W F | | | SWITCH, KEYBOARD (REC (B DECK)) SWITCH, KEYBOARD (□ (B DECK)) | |
| R902 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W F | | | // | |
| R904 | 1-247-807-31 | | 100 | 5% | 1/4W | S922 | 1-762-875-21 | SWITCH, KEYBOARD (III (B DECK)) | |
| R905 | 1-249-441-11 | | 100K | 5% | 1/4W | S923 | | SWITCH, KEYBOARD (▷ (B DECK)) | |
| 11303 | 1 240 441 11 | OATIDON | 10010 | 3 /0 | 1/700 | S924 | | SWITCH, KEYBOARD (✓ (B DECK)) | |
| DOOC | 1 047 007 01 | CADDON | 100 | E0/ | 4 / 4\ 4 / | | | | IV)) |
| R906 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | S925 | | SWITCH, KEYBOARD (REC MUTING (B DEC | K)) |
| R911 | 1-249-418-11 | | 1.2K | 5% | 1/4W F | | 1-/62-8/5-21 | SWITCH, KEYBOARD | |
| R912 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F | | | (⊲⊲ (AMS) RMS - (A DE | CK)) |
| R913 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | | | | |
| R914 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W F | S927 | 1-762-875-21 | SWITCH, KEYBOARD (▷▷ (AMS) RMS + (A DE | CK)) |
| R915 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F | S928 | 1-762-875-21 | SWITCH, KEYBOARD (REC (A DECK)) | |
| R916 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | S931 | 1-762-875-21 | SWITCH, KEYBOARD (RESET (A DECK)) | |
| R917 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | S932 | | SWITCH, KEYBOARD (MEMORY (A DECK)) | |
| R921 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F | I | | SWITCH, KEYBOARD (FADER) | |
| R922 | 1-249-420-11 | | 1.8K | 5% | 1/4W F | | 1 702 070 21 | OWITOII, RETBOTTIB (ITBEIT) | |
| 11322 | 1-243-420-11 | OAHDON | 1.01 | J /0 | 1/ 1 VV 1 | I | 1 760 075 01 | CMITCH KEVDOADD (ADI.) | |
| | | | | | = | S934 | | SWITCH, KEYBOARD (ARL) | |
| R923 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | | | SWITCH, KEYBOARD (SYNCHRO) | |
| R924 | 1-249-424-11 | | 3.9K | 5% | 1/4W F | | | SWITCH, SLIDE (DOLBY NR OFF-ON-MPX) | |
| R925 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W F | S937 | 1-762-608-11 | SWITCH, SLIDE (DOLBY NR B-C) | |
| R926 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | S941 | 1-762-875-21 | SWITCH, KEYBOARD (DISPLAY (RMS)) | |
| R927 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | | | | |
| | | | | | | S942 | 1-762-875-21 | SWITCH, KEYBOARD (RMS START (RMS)) | |
| R931 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F | S943 | 1-762-875-21 | SWITCH, KEYBOARD (CHECK (RMS)) | |
| R932 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F | S944 | | SWITCH, KEYBOARD (SET (RMS)) | |
| R933 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | | | SWITCH, KEYBOARD | |
| R934 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F | | 1 702 070 21 | (A+B REC (START (DECK B | ••/// |
| R935 | 1-249-420-11 | | 1.2K 1.8K | 5% | 1/4W F | | 1 760 075 01 | SWITCH, KEYBOARD | ••))) |
| | | | | | | | | BBING A+B, HIGH/NORMAL (START (DECK B | II)))) |
| R936 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | | | | |
| R937 | 1-249-424-11 | | 3.9K | 5% | 1/4W F | I | | SWITCH, SLIDE (DIRECTION →/ C→/REL | AY) |
| R941 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W F | S951 | 1-762-875-21 | SWITCH, KEYBOARD (RESET (B DECK)) | |
| R942 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W F | S952 | 1-762-875-21 | SWITCH, KEYBOARD (MEMORY (B DECK)) | |
| R943 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | S953 | | SWITCH, KEYBOARD (DECK A (AUTO CAL (START | II)))) |
| R944 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W F | S954 | 1-762-875-21 | SWITCH, KEYBOARD | -/// |
| R945 | 1-249-427-11 | | 6.8K | 5% | 1/4W F | I | 1 702 070 21 | (DECK B (AUTO CAL (START | ••/// |
| | | | | | 1/4W F | | | (DEON B (AUTO GAE (STAIT) | ••/// |
| R951 | 1-249-418-11 | CARBON | 1.2K | 5% | | | 4 554 440 00 | OMITOUR DUOL (4 1/EV) (DITOUR ONLONGOR | -, |
| R952 | 1-249-420-11 | | 1.8K | 5% | 1/4W F | I | 1-554-118-00 | SWITCH, PUSH (1 KEY)(PITCH CON ON/OF | -) |
| R953 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W F | I | | | |
| | | | | = c : | | ****** | ****** | *************** | **** |
| R955 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R956 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | MISCELLANEOUS | |
| R957 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | ******* | |
| R958 | 1-249-437-11 | | 47K | 5% | 1/4W | | | | |
| R960 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | 51 | 1-751-026-11 | WIRE (FLAT TYPE)(13 CORE)(180mm) | |
| 11000 | 1 210 720-11 | 3/11/DOIN | 1010 | U /U | 1/ T V V | 52 | | WIRE (FLAT TYPE)(13 CORE)(140mm) | |
| DOC4 | 1 040 400 11 | CADDON | 101/ | E0/ | 1///// | | | , | |
| R961 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | <u></u> ∆ 53 | | CORD, POWER (POLAR.SPT-1)(CND) | |
| R962 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | 1 53 € | | CORD, POWER (SP,MY) | |
| | | | | | | 1 1 53 | 1-751-535-11 | CORD, POWER (UK) | |
| | | | | | | | | | |

以阴影和 △ 标志来识别的零部件、在安全方面具有关键性、因此只能以规定号码的零部件来更换。

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

| Ref. No. | Part No. | <u>Description</u> | <u>Remark</u> |
|----------------|--------------|---------------------------|------------------|
| △ \.53 | 1-777-107-11 | CORD, POWER (AEP) | |
| 1 53 | 1-777-218-11 | CORD, POWER (AUS) | |
| 1 53 | 1-783-108-11 | CORD, POWER (CH) | |
| 1 53 | 1-783-531-51 | CORD, POWER (US) | |
| 162 | 1-769-950-11 | WIRE (FLAT TYPE)(11 CORE) | |
| FLT901 | 1-517-263-11 | INDICATOR TUBE, FLUORESC | ENT |
| HRPE1 | A-2004-646-C | DECK ASSY, HEAD | |
| | | (RECORD/PLAYBAC) | K/ERASE)(DECK A) |
| HRPE2 | A-2004-646-C | DECK ASSY, HEAD | |
| | | (RECORD/PLAYBAC) | K/ERASE)(DECK B) |
| M1001 | A-2004-644-A | MOTOR ASSY, CAPSTAN (DEC | , |
| M1002 | A-2004-644-A | MOTOR ASSY, CAPSTAN (DEC | CK B) |
| ∆ S902 | 1-692-155-11 | SELECTOR, POWER VOLTAGE | (SP,MY) |
| ∆ T901 | 1-431-786-12 | TRANSFORMER, POWER (AEI | P,UK,AUS,CH) |
| ∆ T901 | 1-431-789-12 | TRANSFORMER, POWER (SP, | MY) |
| △ T901 | 1-431-788-12 | TRANSFORMER, POWER (US | ,CND) |
| ****** | ****** | ******** | ****** |

ACCESSORIES & PACKING MATERIALS

| 1-776-263-51 1-777-241-11 3-866-256-11 3-866-256-21 | CORD, CONNECTION (AUDIO) CORD, CONNECTION (CONTROL A1)(CND) MANUAL, INSTRUCTION (ENGLISH) MANUASL, INSTRUCTION (FRENCH, SPANISH) (CND.AEP.SP.MY) |
|--|--|
| 3-866-256-31 | MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN, |
| | PORUTGUESE)(AEP) |
| 3-866-256-41 | MANUAL, INSTRUCTION (CHINESE)(SP,MY,CH) |
| 3-866-671-11 | MANUAL (FOR CONTROL A1) |
| 0 000 074 04 | (ENGLISH)(US,UK,AUS) |
| 3-866-671-21 | MANUAL (FOR CONTROL A1) (ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH, PORTUGUESE,SWEDISH,ITALIAN, CHINESE) |

(CND,AEP,SP,MY,CH)

****** HARDWARE LIST *********

7-685-646-79 SCREW +BVTP 3X8 TYPE2 N-S #2 7-685-871-01 SCREW +BVTT 3X6 (S) #3 7-685-851-09 SCREW +BVTT 2X4 (S) #4 7-685-852-04 SCREW +BVTT 2X5 (S) 7-685-902-21 SCREW +PTPWH 2.6X8 (TYPE2) #5

7-628-254-15 SCREW +PS 2.6X6 #6 #7 7-623-505-01 LUG, 2

7-685-851-04 SCREW +BVTT 2X4 (S) #8

以阴影和 🛆 标志来识别的零 部件, 在安全方面具有关键 性, 因此只能以规定号码的 零部件来更换.

The components identified by $mark \triangle or dotted line with mark$ \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

TC-WE635